

FREEDOM OF INFORMATION ACT (FOIA) RESPONSE AND INVOICE

REQUEST DATE

20030211

REQUEST NUMBER

03-191AB

TO

Lockheed Martin
Attn: Michael Bray
5600 Sand Lake Road
Orlando FL 32819

FROM

88 CG/SCCMF (FOIA Office)
Building 676 Rm 150
2435 5th Street Area B
Wright-Patterson AFB OH 45433

1.

REQUESTED RECORDS

- ☐ COMPLETELY RELEASED ☒ PARTIALLY RELEASABLE
- ☒ DOCUMENTS ARE ATTACHED
- ☐ DOCUMENTS WILL BE FORWARDED ON RECEIPT OF PAYMENT
- ☐ DOCUMENTS MAY BE VIEWED AT THIS LOCATION (Please call for an appointment)
- ☐ TIME EXTENSION IS REQUIRED BECAUSE
- ☐ ALL OR PART OF THE REQUESTED RECORDS ARE NOT AT THIS LOCATION
- ☐ VOLUMINOUS RECORDS MUST BE COLLECTED AND REVIEWED
- ☐ RECORDS ARE BEING REVIEWED BY ANOTHER AGENCY FOR POSSIBLE RELEASE
- ☐ WE HOPE TO PROVIDE A FINAL DECISION BY

2.

THE COSTS OF PROVIDING THESE DOCUMENTS ARE INDICATED BELOW

REQUEST ACTIONS	RATE	MATERIAL	TIME	COST
SEARCH (Hourly)	\$44.00		1.00	\$44.00
REVIEW (Hourly)	\$44.00		3.00	\$132.00
COPY (Page)	\$0.15	200		\$30.00
COMPUTER MACHINE TIME (Hourly)				
COMPUTER OPERATOR TIME (Hourly)				
COMPUTER TAPES				
OTHER CDs				
TOTAL AMOUNT DUE				\$206.00

3. Send your check or money order payable to "US DEPARTMENT OF TREASURY " with a copy of this invoice within 30 days.

(Future requests will not be processed until payment is received.)

3A. MAIL TO

88 CG/SCCMF (FOIA)
2435 5th Street, Rm 150
Wright-Patterson AFB OH 45433-7802

4. THIS ACKNOWLEDGES RECEIPT OF YOUR CHECK OR MONEY ORDER FOR PAYMENT OF REQUESTED DOCUMENTS

NUMBER	DATE	AMOUNT
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5. ALL OR PART OF THE INFORMATION YOU REQUESTED IS NOT AVAILABLE AT THIS INSTALLATION. WE HAVE FORWARDED YOUR REQUEST TO THE FOLLOWING LOCATION FOR ACTION WITH DIRECT RESPONSE TO YOU.

6. COMMENTS

Attached:

1-Denial Letter

2-FOIA Request

3-Released Records

Point of Contact is Abby Boggs (937) 904-8203

7. FREEDOM OF INFORMATION ACT MANAGER

NAME AND PHONE

SHEREE M. COON
(937) 904-8207

SIGNATURE

Sheree M. Coon

DATE

16 Apr 03



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 88TH AIR BASE WING (AFMC)
WRIGHT-PATTERSON AIR FORCE BASE OHIO

APR 17 2003

88 ABW/JA
5135 Pearson Road RM 129
Wright-Patterson AFB OH 45433-5321

Lockheed Martin
Attn: Michael Bray
5600 Sand Lake Road, MP-205
Orlando FL 32819-8907

Dear Mr. Bray,

This is in response to your 11 February 2003 Freedom of Information Act (FOIA) request. The FOIA control number assigned to your request is 03-191AB.

The records you have requested are partially exempt from disclosure. Specifically, some sections you requested contain commercial, financial and trade secret information that the Government originally received with the understanding that the information would be retained on a privileged or confidential basis in accordance with the customary handling of such records. Release of this information would likely cause substantial harm to the competitive position of the source providing the information; impair the Government's ability to obtain the necessary information in the future; or impair some other legitimate Government interest. **The authority for this exemption can be found in the United States Code, Title 5, Section 552 (b)(4).**

If you decide to appeal this decision, write to the Secretary of the Air Force within 60 calendar days from the date of this letter. Include in the appeal your reasons for reconsideration and attach a copy of this letter. Address your letter as follows:

Secretary of the Air Force
THRU: 88 CG/SCCMF
Bldg 676, Area B
2435 5th Street Rm 150
Wright-Patterson AFB OH 45433-7802


Sincerely

MICHAEL L. COLOPY, Colonel, USAF
Staff Judge Advocate

- 2 Atchs
1. Initial Request
2. Released Documents

Lockheed Martin Missiles and Fire Control - Orlando

5600 Sand Lake Road, MP-205 Orlando, Florida 32819-8907

LOCKHEED MARTIN 

Document Control No.: J0-OGC-2003-000005-0

February 11, 2003

Air Force Materiel Command
88 CG/SCCMF
Bldg 676 Area B
2435 5th Street
Wright-Patterson AFB, OH 45433-7802

Subject: Freedom of Information Act (FOIA) Request

Reference: AFMC Contract F33657-02-C-5411
Multi Platform Common Data Link (MP-CDL)

Gentlemen:

Under the provisions of the Freedom of Information Act, 5 U.S.C. §552, Lockheed Martin herewith requests a copy (hardcopy or electronic copy) of Contract F33657-02-C-5411 for MP-CDL, inclusive of all amendments, attachments and modifications thereto.

Should there be any fees for searching or copying the requested records, please supply the records if the fees do not exceed \$250. In the event the fees exceed this amount, please notify the undersigned before you proceed with processing this request.

If all or any part of this request is denied, please cite the specific exemptions(s) used to justify nondisclosure of the requested information and inform the undersigned of the appeal procedures available under the law.

Information requested by AFMC:

Company Name: Lockheed Martin Missiles and Fire Control - Orlando
Requester - First Name: Michael Requester - Last Name: Bray
Mailing Address: 5600 Sand Lake Rd., Orlando, FL 32819-8907, MP-205
Phone: (407)-356-8277 Fax: (407) 356-4694 Email: Michael.r.bray@lmco.com

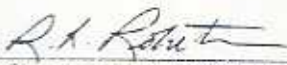

Your prompt handling of this request is appreciated.

Very truly yours,
Lockheed Martin Corporation
Missiles and Fire Control - Orlando



Michael R. Bray
FCR Contracts Manager

O. P. R. ASC/RAK
CONTROL # 03-191AB
DUE DATE 17/MAR/03

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE R - CPAF	PAGE OF PAGES 1 of 5
AMENDMENT/MODIFICATION NO. 00002		3. EFFECTIVE DATE 04 MAR 2003		4. REQUISITION/PURCHASE REQ NO.	
ISSUED BY ASC/RAKP CODE		FA8620		5. PROJECT NO. (if applicable)	
USAF/AFMC AERONAUTICAL SYSTEMS CENTER (ASC) 2640 LOOP ROAD WEST, ROOM 203 WRIGHT-PATTERSON AFB OH 45433-7106 JOHN G. MEYER (937) 255-9249 john.meyer@wpafb.af.mil		DCMA DENVER ORCHARD PLACE 2, SUITE 200 5975 GREENWOOD PLAZA BLVD ENGLEWOOD, CO 80111-4715		7. ADMINISTERED BY (if other than item 5) CODE S0602A	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) L 3 COMMUNICATIONS CORPORATION COMMUNICATION SYSTEMS WEST 640 N 2200 W SALT LAKE CITY UT 84116 (801) 594-7100				(X) MAILING DATE MAR 04 2003	
CODE 06401 FACILITY CODE				9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. F33657-02-C-5411 10B. DATED (SEE ITEM 13) 15 NOV 2002	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended.					
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (if required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATION OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: () THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).					
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: 52.243-2 Changes -- Cost Reimbursement					
D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return 1 copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) SUBJECT: Correction to Inspection, Acceptance and FOB sites for CLINs 0001, 0003 and 0004; Revise DD254; Revise CDRLs; Revise Award Fee Plan; Other Administrative Corrections CHANGE IN PRICE: None CHANGE IN OBLIGATION: None					
Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)		15A. NAME AND TITLE OF SIGNER (Type or print)		15A. NAME AND TITLE OF SIGNER (Type or print)	
Richard L. Robertson Director of Contracts/CPM		JOHN G. MEYER Contracting Officer			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA	
 (Signature of person authorized to sign)		2/24/03		 (Signature of Contracting Officer)	
				16C. DATE SIGNED	
				3/3/03	

SCHEDULE OF CHANGES

1. Pursuant to the terms and conditions of the basic contract, the following changes are made to F33657-02-C-5411:
 - a. Section B - Correct the Inspection, Acceptance and FOB sites to show "Source" for CLINs 0001, 0003 and 0004.
 - b. Section C, Clause C003 - Change the Date of the DD254 from 17 Jun 02 to 27 Jan 03; change the CDRL date for A010, A011 and A013 to 5 Feb 03; change the Award Fee Annex 2 date to 3 Feb 03.
 - c. Section E - Delete 5352.246-9000 Material Inspection Receiving Report (OMB No. 0704-0248)(AFMC)(Jul 1997)
 - d. Section F - Change delivery date of CLIN 0001 from 30 Apr 2004 to 13 Jul 2004, 20 months after contract award.
 - e. Section I - Delete the following clauses:
 - (1) FAR 52.215-14 - Integrity of Unit Prices (Oct 1997) Alternate I (Oct 1997)
 - (2) FAR 52.215-21 - Requirements for Cost or Pricing Data or Information Other than Cost or Pricing Data -- Modification (Oct 1997) - Alternate IV (Oct 1997)
 - (3) DFARS 252.219-7004 - Small, Small Disadvantaged and Woman-Owned Small Business Subcontracting Plan (Test Program)(Jun 1997)
 - (4) DFARS 252.225-7016 - Restriction on Acquisition of Ball and Roller Bearings (Dec 2000) Alternate I (Dec 2000)
 - (5) DFARS 252.234-7001 - Earned Value Management System (Mar 1998)
 - f. Section J, Exhibit A - In the attached Exhibit A, the Basic Contract's CDRLs A010, A011 and A013 dated 17 Jun 02 are superseded and replaced with CDRLs A010, A011 and A013 dated 5 Feb 2003. There are no other changes to Exhibit A.
 - g. Section J, Attachment 2- The DD254 on the Basic Contract dated 17 Jun 02 is superseded and replaced with the attached DD254 dated 27 Jan 03.
 - h. Section J, Attachment 7 - Annex 2 in the attached Award Fee Plan is superseded and replaced with the Award Fee Plan Annex 2 revised 3 Feb 2003. There are no other changes to the Award Fee Plan.
2. There are no other changes to the terms and conditions of this contract.
3. This Supplemental Agreement constitutes a full and equitable adjustment and the contractor releases the Government from any and all liability under the contract for further equitable adjustments arising out of or in conjunction thereof.
4. As a result of the above, the contract is specifically modified as set forth below:

SECTION B - SUPPLIES OR SERVICES:

ITEM	SUPPLIES OR SERVICES	Qty Purch Unit	Unit Price Total Item Amount
0001	CLIN Change		EST \$17,074,862.00
	Noun:	Lot	EST +\$0.00
	Total Quantity:	MULTI PLATFORM COMMON DATA LINK (MP-CDL) CTD	
	Total Item Amount:	1	\$17,074,862.00
	ACRN:	9	
	NSN:	N - Not Applicable	
	DD1423 is Exhibit:	A	
	Contract type:	R - COST PLUS AWARD FEE	
	Inspection:	SOURCE	
	Acceptance:	SOURCE	
	FOB:	SOURCE	
	Descriptive Data:		
	The contractor shall design, build, verify and demonstrate the Multi Platform Common Data Link (MP-CDL) System in accordance with the Concept Technology Development (CTD) MP-CDL Specification 8158140 dated 11 September 2002, Attachment 3 of Section J, attached hereto, and the CTD MP-CDL Statement of Work dated 23 September 2002, Attachment 1 of Section J, attached hereto.		
	Year 1 Cost Estimate:	\$ 504,610.00	
	Year 2 Cost Estimate:	\$13,846,393.00	
	Year 3 Cost Estimate:	\$ 2,723,859.00	
	Year 4 Cost Estimate:	\$ 0.00	
	Total Estimate	\$17,074,862.00	
0003	CLIN Change		
	Noun:	Lot	U
	Total Quantity:	AWARD FEE	U
	Total Item Amount:	1	\$0.00
	NSN:	N - Not Applicable	
	Contract type:	R - COST PLUS AWARD FEE	
	Inspection:	SOURCE	
	Acceptance:	SOURCE	
	FOB:	SOURCE	
	Descriptive Data:		
	The Contractor may earn Award Fee in the performance of CLINs 0001, 0002 and 0004 in accordance with the Award Fee Plan, Attachment 7, Section J of the basic contract. Each award fee payment will be set forth as infoCLINs to be established herein and in accordance with the evaluation period as set forth in The Award Fee Plan. Maximum Award Fee is \$1,396,347.00.		

SCHEDULE OF CHANGES

ITEM	SUPPLIES OR SERVICES	Qty Purch Unit	Unit Price Total Item Amount
0004	CLIN Change		
	<i>Noun:</i>	Lot	EST \$783,348.00
	<i>Total Quantity:</i>	DEMONSTRATION AND TEST SUPPORT	EST +\$0.00
	<i>Total Item Amount:</i>	1	
	<i>ACRN:</i>	\$783,348.00	
	<i>NSN:</i>	9	
	<i>Contract type:</i>	N - Not Applicable	
	<i>Inspection:</i>	R - COST PLUS AWARD FEE	
	<i>Acceptance:</i>	SOURCE	
	<i>FOB:</i>	SOURCE	
	<i>Descriptive Data:</i>	SOURCE	

The contractor shall provide demonstration and test support for the Concept Technology Development of the MP-CDL Systems in accordance with the Statement of Work for CTD MP-CDL dated 23 September 2002, Attachment 1, Section J, attached hereto.

ITEM	SUPPLIES SCHEDULE DATA	QTY	SHIP TO	MARK FOR	TRANS PRI	DATE
0001		1	06401	06401		13 Jul 2004

Noun: MULTI PLATFORM COMMON DATA LINK (MP-CDL)
CTD
ACRN: 9
Descriptive Data:
Design, build, verify, demonstrate and deliver the MP-CDL Systems in accordance with the CTD MP-CDL Statement of Work, Attachment 1, Section J, and Specification, Attachments 3, Section J.

LIST OF ATTACHMENTS

DOCUMENT	PGS	DATE	TITLE
EXHIBIT A	17	05 FEB 2003	CONTRACT DATA REQUIREMENTS LIST (CDRLS)
ATTACHMENT 2	5	27 JAN 2003	DD FORM 254 - CONTRACT SECURITY CLASSIFICATION
ATTACHMENT 7	18	03 FEB 2003	AWARD FEE PLAN

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and reviewing the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204 Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO. 0002	B. EXHIBIT A	C. CATEGORY: TDP	TM	OTHER
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D. SYSTEM/ITEM MP-CDL	E. CONTRACT/PR NO. F33657-02-C-5411	F. CONTRACTOR
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1. DATA ITEM NO. A001	2. TITLE OF DATA ITEM Conference Minutes	3. SUBTITLE
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4. AUTHORITY (Data Acquisition Document No.) DI-ADMN-81250A	5. CONTRACT REFERENCE SOW para	6. REQUIRING OFFICE ASC/RAJD
--	-----------------------------------	---------------------------------

7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION Blk 16	14. DISTRIBUTION
8. APP CODE		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION Blk 16	a. ADDRESSEE

16. REMARKS	b. COPIES
Blk 4: Contractor format acceptable.	Final
	Draft
	Reg
	Repro

Blk 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred to ASC/RAJD, Wright-Patterson AFB OH 45433.

Blks 10, 12 & 13: Minutes shall be provided 5 working days after the meeting. Minutes shall include presentation material presented. Minutes are required for IMP meeting events only (i.e. SRR, TRR, PDR, CDR, etc.)

14: Documents shall be provided via electronic media utilizing standard Microsoft ce applications.

ASC/RAJ
2640 Loop Road West, RM 213
Wright-Patterson AFB OH 45433-7106
E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil

15. TOTAL →

PREPARED BY Blanton, Data Manager RAJ, 937-255-4426	H. DATE 17 Jun 2002	I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523	J. DATE 17 Jun 2002
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CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

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A. CONTRACT LINE ITEM NO.

[illegible]

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OMB No. 0704-0188

14-004, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PRI No. listed in Block E.

[illegible]

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A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER	
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR	
1. DATA ITEM NO. A005	2. TITLE OF DATA ITEM Software Requirements Specification (SRS)			3. SUBTITLE	
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81433A		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY Blk 16	12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION b. COPIES
8. APP CODE N		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION SEE BLK 16		
16. REMARKS					
Blk 4: Contractor format acceptable.					
Blk 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred To ASC/RAJD, Wright-Patterson AFB OH 45433.					
Blks 10, 12 & 13: First submission due 45 days prior to PDR. Subsequent submittals due not later than 45 days prior to CDR.					
14: Documents shall be provided via electronic media utilizing standard Microsoft office applications.					
ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil					
15. TOTAL →					
G. PREPARED BY Beth Blanton, Data Manager ASC/RAJ, 937-255-4428		H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523	
				J. DATE 17 Jun 2002	

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A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER	
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR	
1. DATA ITEM NO. A006		2. TITLE OF DATA ITEM Software Test Plan (STP)		3. SUBTITLE	
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81438A		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY Blk 16	12. DATE OF FIRST SUBMISSION Blk 16		14. DISTRIBUTION a. ADDRESSEE b. COPIES Draft Reg Repro
8. APP CODE A		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION Blk 16		
16. REMARKS <p>Blk 4: Contractor format acceptable.</p> <p>Blk 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred to ASC/RAJD, Wright-Patterson AFB OH 45433.</p> <p>Blk 10, 12 & 13: Draft document is due 60 days prior to start of testing. The final document is due 15 days after receipt of Government comments. Updates as required.</p> <p>14: Documents shall be provided via electronic media utilizing standard Microsoft Office applications.</p> <p>ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil</p>					
15. TOTAL → 1					
G. PREPARED BY Beth Blanton, Data Manager ASC/RAJ, 937-255-4428		H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523	
				J. DATE 17 Jun 2002	

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D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR	
1. DATA ITEM NO. A007	2. TITLE OF DATA ITEM Software Test Reports (STR)			3. SUBTITLE	
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81440A		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY Bik 16	12. DATE OF FIRST SUBMISSION Bik 16		14. DISTRIBUTION a. ADDRESSEE b. COPIES Final Draft Reg Repr.
8. APP CODE N		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION Bik 16		
15. REMARKS Bik 4: Contractor format acceptable. Test Procedures shall be written at the CSC level, or IAW the contractor SDP. Bik 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred to ASC/RAJD, Wright-Patterson AFB OH 45433. Biks 10, 12 & 13: Reports due 20 working days after testing. Bik 14: Documents shall be provided via electronic media utilizing standard Microsoft Office applications. ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil					
15. TOTAL → 1					
G. PREPARED BY Beth Blanton, Data Manager ASC/RAJ, 937-255-4428		H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523	
J. DATE 17 Jun 2002					

Form Approved
OMB No. 0704-0188

bid reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (D701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that not withstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

[illegible]

(1 Data Item)

OMB No. 0704-0188

The reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and reviewing the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of the collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204 Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for your contract. PPR No. listed in Block E.

CONTRACT LINE ITEM NO. _____

L. . ORM 1423-1, AUG 96

PREVIOUS EDITION MAY BE USED.

Page 1 of 1 Pages

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER	
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR	
1. DATA ITEM NO. A010	2. TITLE OF DATA ITEM Cost /Schedule Status Report (C/SSR)				3. SUBTITLE
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-81467		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY Monthly	12. DATE OF FIRST SUBMISSION Blk 16		14. DISTRIBUTION b. COPIES
8. APP CODE Blk 8		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION Blk 16		
15. REMARKS					
<p>Blk 4: Contractor format shall be submitted 30 DACA for approval. Approval required on first submittal only. Contractor shall provide variance reports for variances of +/- 10%, \$5000 minimum, for WBS Elements of \$100,000 or less; and +/-10% or \$50,000, whichever is less, for WBS Elements over \$100,000. Contractor shall report At WBS level 3 except for Software Development. Contractor shall report down to WBS level 4 for Software Development.</p> <p>Blk 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred to ASC/RAJD, Wright-Patterson AFB OH 45433.</p> <p>Blks 10, 12 & 13: Subsequent submittals shall be monthly (15 calendar days after the close of the contractor's monthly accounting period).</p> <p>Blk 14: Delivery shall be via electronic media utilizing standard Microsoft office applications.</p> <p>ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil</p> <p>* DCMA, DCM Salt Lake (ACO)</p>					
15. TOTAL → 3					

PREPARED BY
Blanton, Data Manager
RAJ 937-255-4428

H. DATE
5 Feb 03

I. APPROVED BY
Paul Simonich, Maj, Program Manager
ASC/RAJD, 937-255-9962

J. DATE
5 Feb 03

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM

[illegible]

CONTRACT DATA REQUIREMENTS LIST

Form Approved
OMB No. 0704-0188

public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and reviewing the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204 Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO. _____

A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER									
D. SYSTEM/ITEM			E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR								
MP-CDL													
1. DATA ITEM NO.	2. TITLE OF DATA ITEM			3. SUBTITLE									
A012	Technical Report - Study/Services												
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80508A		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD									
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY As required	12. DATE OF FIRST SUBMISSION Blk 16		14. DISTRIBUTION								
8. APP CODE	C	11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION Blk 16		a. ADDRESSEE		b. COPIES						
N							Draft Reg Repro						
16. REMARKS					ASC/RAJD								
Bik 4: Contractor format acceptable. Approval for format required only on the first submittal. Bik 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred to ASC/RAJD, Wright-Patterson AFB OH 45433. Bik 10, 12 & 13: Submit studies as required or directed by the government. Bik 14: Documents shall be provided via electronic media utilizing standard Microsoft office applications.													
ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil													
					G. PREPARED BY Elizabeth Blanton, Data Manager YRAJ, 937-255-4428					H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523	
										J. DATE 17 Jun 2002			

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER	
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR	
1. DATA ITEM NO. A013	2. TITLE OF DATA ITEM Integrated Master Schedule (IMS)			3. SUBTITLE	
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-81183A		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY MTHLY	12. DATE OF FIRST SUBMISSION Blk 16		14. DISTRIBUTION b. COPIES
8. APP CODE Blk 16		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION Blk 16		
16. REMARKS					
Blk 4: Contractor format acceptable. Approval for format required only on the first submittal.					
Blk 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred to ASC/RAJD, Wright-Patterson AFB OH 45433.					
Blk 10, 12 & 13: Submit the IMS 30 days after contract award. Subsequent submittals shall be monthly (deliver with CDRLs A010 and A011).					
14: Documents shall be provided via electronic media utilizing standard Microsoft office applications.					
ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil					
*DCMA, DCM Salt Lake (ACO)					
15. TOTAL → 2					
G. PREPARED BY Blanton, Data Manager RAJ, 937-255-4428		H. DATE 5 Feb 03		I. APPROVED BY Paul Simonich, Maj, Program Manager ASC/RAJD, 937-255-9962	
				J. DATE 5 Feb 03	

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER						
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR						
1. DATA ITEM NO. A014	2. TITLE OF DATA ITEM Test Plan			3. SUBTITLE						
4. AUTHORITY (Data Acquisition Document No.) DI-NDTI-80566		5. CONTRACT REFERENCE SOW Para		6. REQUIRING OFFICE ASC/RAJD						
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY BLK16	12. DATE OF FIRST SUBMISSION BLK 16							
8. APP CODE A		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION BLK16							
16. REMARKS <p>Blk 4: Contractor format acceptable.</p> <p>Blk 8: The government will have 20 days after receipt of the contractor's plan for approval/disapproval. The contractor shall have 20 days after receipt of the government comments to resubmit the plan. Approval is for technical content only.</p> <p>Blk 9: DISTRIBUTION STATEMENT C: Distributions authorized to US Government agencies and their contractors. Other requests for this document shall be referred to ASC/RAJD, Wright-Patterson AFB OH.</p> <p>As 10,12 & 13: Initial draft due 30 days after PDR for all FQT and SIL/Flight Test with updates as required to support SIL and flight test. Final test plan due 30 days after CDR.</p> <p>Blk 14: Delivery shall be via electronic media utilizing standard Microsoft office applications.</p> <p>ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil</p>				14. DISTRIBUTION						
				a. ADDRESSEE ASC/RAJD <table border="1"> <tr> <th colspan="3">b. COPIES</th> </tr> <tr> <th>Draft</th> <th>Reg</th> <th>Repro</th> </tr> <tr> <td>1</td> <td>1</td> <td></td> </tr> </table>		b. COPIES			Draft	Reg
b. COPIES										
Draft	Reg	Repro								
1	1									
15. TOTAL →				1	1					

PREPARED BY
Elizabeth Blanton, Data Manager
ASC/RAJ, 937-255-4428

H. DATE
17 Jun 2002

I. APPROVED BY
Mary Sherman, Program Manager
ASC/RAJD, 937-255-4523

J. DATE
17 Jun 2002

(1 Data Item)

Form Approved
OMB No. 0704-0188

OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.

[illegible]

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER	
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C_5411		F. CONTRACTOR	
1. DATA ITEM NO. A016	2. TITLE OF DATA ITEM Test/Inspection Report			3. SUBTITLE	
4. AUTHORITY (Data Acquisition Document No.) DI-NDTI-80809B		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION Blk 16		14. DISTRIBUTION a. ADDRESSEE ASC/RAJD
8. APP CODE		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION Blk 16		
16. REMARKS					
Blk 4: Contractor format acceptable.					
Blk 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred to ASC/RAJD, Wright-Patterson AFB OH 45433.					
Blks 10, 12 & 13: Test reports are due 15 days after completion of test.					
Blk 14: Documents shall be provided via electronic media utilizing standard Microsoft Office applications.					
ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil					
15. TOTAL →					
PREPARED BY Blanton, Data Manager J/RAJ, 937-255-4428		H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523	
				J. DATE 17 Jun 2002	

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER	
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR	
1. DATA ITEM NO. A017	2. TITLE OF DATA ITEM System/Subsystem Specification (SSS)			3. SUBTITLE System Specification	
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81431A		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY Blk 16	12. DATE OF FIRST SUBMISSION Blk 16		14. DISTRIBUTION b. COPIES
8. APP CODE A		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION Blk 16		
16. REMARKS					
Blk 4: Contractor format acceptable.					
Blk 9: DISTRIBUTION STATEMENT C. Distribution authorized to US Government Agencies and their contractors. Other requests for this document shall be referred To ASC/RAJD, Wright-Patterson AFB OH 45433.					
Blks 10, 12 & 13: Submit updated system specification 30 days prior to PDR. and 30 days prior to CDR. Subsequent updates as changes occur.					
< 14: Documents shall be provided via electronic media utilizing standard Microsoft Office applications.					
ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil					
15. TOTAL →					
G. PREPARED BY Beth Blanton, Data Manager ASC/RAJ, 937-255-4428		H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523	
				J. DATE 17 Jun 2002	

12. PUBLIC RELEASE. Any information (classified or unclassified) pertaining to this contract shall not be released for public dissemination except as provided by the Industrial Security Manual or unless it has been approved for public release by appropriate U.S. Government authority. Proposed public releases shall be submitted for approval prior to release ☐ Direct ☒ Through (Specify)

ASC/PA, 1865 4th Street, Suite 15, Wright Patterson AFB OH 45433-6503

to the Directorate for Freedom of Information and Security Review, Office of the Assistant Secretary of Defense (Public Affairs)* for review.
*In the case of non-DoD User Agencies, requests for disclosure shall be submitted to that agency.

13. SECURITY GUIDANCE. The security classification guidance needed for this classified effort is identified below. If any difficulty is encountered in applying this guidance or if any other contributing factor indicates a need for changes in this guidance, the contractor is authorized and encouraged to provide recommended changes; to challenge the guidance or the classification assigned to any information or material furnished or generated under this contract; and to submit any questions for interpretation of this guidance to the official identified below. Pending final decision, the information involved shall be handled and protected at the highest level of classification assigned or recommended. (Fill in as appropriate for the classified effort. Attach, or forward under separate correspondence, any documents/guides/extracts referenced herein. Add additional pages as needed to provide complete guidance.)

The National Industrial Security Program Operating Manual (NISPOM), January 1995 applies.

- a. Ref Blk 10a/11h: COMSEC/Cryptologic Safeguarding requirements apply. See NSA Industrial COMSEC Manual (NSA Manual 90-1), October 2001 for details.
b. Ref Blk 10j: For Official Use Only (FOUO) applies. See addendum.
c. Ref Blk 11c: Any classified information generated in the performance of this contract shall require the contractor to apply derivative classification and markings consistent with the source material, or be governed by the Common Data link (CDL) Security Classification Guide (SCG), dated 22 Apr 02, OPR, SAF/AQUJ, Washington DC. Special considerations apply. See addendum.
d. Ref Blk 11d: Contractor is required to provide adequate and approved storage for classified hardware or material to the level of SECRET which because of size or quantity cannot be safeguarded in an approved storage container.
e. Ref Blk 11i: EMSEC requirements apply. See addendum.
f. Ref Blk 11k: DCS address is HQ Defense Courier Service, 830 Chisholm Ave, Ft Meade MD, 20755

g. Program Manager: Capt Charles Gaona, ASC/RAJ, (937)255-5956

h. Ref Blk 17d (DISTRIBUTION): 88 SFS/SFAS

14. ADDITIONAL SECURITY REQUIREMENTS. Requirements, in addition to ISM requirements, are established for this contract. ☐ Yes ☒ No
(If Yes, identify the pertinent contractual clauses in the contract document itself, or provide an appropriate statement which identifies the additional requirements. Provide a copy of the requirements to the cognizant security office. Use Item 13 if additional space is needed.)

15. INSPECTIONS. Elements of this contract are outside the inspection responsibility of the cognizant security office. ☐ Yes ☒ No
(If Yes, explain and identify specific areas or elements carved out and the activity responsible for inspections. Use Item 13 if additional space is needed.)

16. CERTIFICATION AND SIGNATURE. Security requirements stated herein are complete and adequate for safeguarding the classified information to be released or generated under this classified effort. All questions shall be referred to the official named below.

a. TYPED NAME OF CERTIFYING OFFICIAL

JOHN G. MEYER

b. TITLE

CONTRACTING OFFICER

c. TELEPHONE (Include Area Code)

(937)255-9249

d. ADDRESS (Include Zip Code)

ASC/RAK
2640 LOOP ROAD WEST
WRIGHT-PATTERSON AFB OH 45433

e. SIGNATURE

1-27-2003

88SFS/SFAS
COORDINATION
PC-ONLY

1/27/03

Fuller
Supon

17. REQUIRED DISTRIBUTION

- ☒ a. CONTRACTOR
☒ b. SUBCONTRACTOR
☐ c. COGNIZANT SECURITY OFFICE FOR PRIME AND SUBCONTRACTOR
☐ d. U.S. ACTIVITY RESPONSIBLE FOR OVERSEAS SECURITY ADMINISTRATION
☒ e. ADMINISTRATIVE CONTRACTING OFFICER
☐ f. OTHERS AS NEEDED

F33657-02-C-5411

**ADDENDUM TO DD FORM 254 (Block 10),
FOR OFFICIAL USE ONLY (FOUO)**
(Reference DoD Regulation 5400.7/Air Force Supplement, 22 July 1999)

1. **GENERAL:** FOUO is information that has not been given a security classification pursuant to the criteria of an Executive Order, which may be withheld from the public because disclosure would cause a foreseeable harm to an interest protected by one or more of the Freedom of Information Act (FOIA) exemptions 2 through 9. Additional information on FOUO may be obtained by contacting the User Agency. FOUO is assigned to information at the time it is created in a DoD Agency or derivatively as instructed in a Security Classification Guide.
2. **MARKING:**
 - a. FOUO information received (released by a DoD component) should contain the following marking, when received: **THIS DOCUMENT CONTAINS INFORMATION EXEMPT FROM MANDATORY DISCLOSURE UNDER FOIA. EXEMPTION(S) _____ APPLIES/APPLY.**
 - b. Mark an unclassified document containing FOUO information "FOR OFFICIAL USE ONLY" at the bottom of each page containing FOUO information and on the bottom of the front page or front cover (if any) and on the back of the last page and on the back cover (if any). Each paragraph containing FOUO information shall be marked as such.
 - c. Within a classified document, an individual page that contains both FOUO and classified information shall be marked at the top and bottom with the highest security classification of information appearing on the page. Individual paragraphs shall be marked at the appropriate classification level, as well as unclassified or FOUO, as appropriate. An individual page that contains FOUO information but no classified information shall be marked "FOR OFFICIAL USE ONLY" at the top and bottom of the page, as well as each paragraph that contains FOUO information. NOTE: For "production efficiency" the entire document may be marked top and bottom with the highest level of classification contained within it, as long as every paragraph is marked to reflect the specific classification of the information it contains.
 - d. Mark other records, such as computer print outs, photographs, films, tapes, or slides "FOR OFFICIAL USE ONLY" so that the receiver or viewer knows the record contains FOUO information.
 - e. Mark each part of a message that contains FOUO information. Unclassified messages containing FOUO information must have the abbreviation "FOUO" before the text begins.
3. **DISSEMINATION:** FOUO may be disseminated between officials of DoD Components, DoD contractors, consultants and grantees to conduct official business for DoD. Recipients shall be made aware of the status of such information and transmission shall be by means that preclude unauthorized public disclosure.
4. **TRANSMISSION:** FOUO information shall be transmitted in a manner that prevents disclosure of the contents. When not commingled with classified information, it may be sent via first-class mail or parcel post. Bulky shipments, i.e. testing materials, that otherwise qualify under postal regulations, may be sent by fourth-class mail. FOUO information may also be sent over facsimile equipment; however, when deciding whether to use this means, balance the sensitivity of the records against the risk of disclosure. Consider the location of sending and receiving machines and ensure authorized personnel are available to receive the FOUO information as soon as it is transmitted. Transmittal documents shall call attention to the presence of FOUO attachments. FOUO information may also be sent via e-mail, if it is sent via a system that will prevent unintentional or unauthorized disclosure.
5. **STORAGE:** To safeguard FOR OFFICIAL USE ONLY records during normal duty hours, place them in an out-of-sight location if your work area is accessible to persons who do not have a valid need for the information. After normal duty hours, store FOUO records to prevent unauthorized access. File them with other unclassified records in unlocked files or desks when normal internal building security is provided. When there is no internal building security, locked buildings or rooms normally provide adequate after-hours protection. If such protection is not considered adequate, FOUO material shall be stored in locked containers such as file cabinets, desks, or bookcases. *Expenditure of funds for security containers or closed areas solely for the protection of FOUO data is prohibited.*
6. **DESTRUCTION:** When no longer needed, FOUO information shall be disposed of by any method that will preclude its disclosure to unauthorized individuals.

Effective 12 February 2002

ADDENDUM TO DD FORM 254 (Block 11c,
SPECIAL CONSIDERATIONS
(AFMAN 33-214V EXTRACT)

F33657-02-C-5411

- 3.4. Special Items. People may innocently introduce other radio devices, such as pagers, hand-held portable transceiver radios, cellular telephones, cordless telephones, and cordless microphones into the area processing classified information with disastrous results. Also, alarm systems may use radio transmitters to alert remotely located security or fire-fighting teams.
- 3.4.1. Hand-Held Radios. These countermeasures are required. Hand-held radio transceivers used with intrabase radios and land mobile radios deserve special consideration because of their unique operational applications. A person may carry these devices into an area where classified information is processed. If the person carrying such a device works in the facility, either turn off the device and use the telephone or separate it 2 meters from classified processors: no transmissions are allowed. If the person carrying the device is a short-term visitor, it is not necessary to turn off the radio because the visitor usually moves about in the facility. Infrequent transmissions are allowed, but only for short durations.
- 3.4.2. Beepers and Pagers. These countermeasures are required. Beepers and pagers deserve special consideration because of their unique operational applications. A person may carry these devices into an area where classified information is processed. If the person carrying such a device works in the facility, either turn off the device and use the telephone or keep the device 2 meters from classified processors. If the person carrying the device is a short-term visitor, it is not necessary to turn off the device because the visitor usually moves about in the facility. If the device has a transmit capability, follow the instructions for hand-held radios.
- 3.4.3. Alarm Systems. These countermeasures are required. The mode of operation of alarm systems radio frequency transmitters will determine their treatment. Any such transmitter with a continuous transmit mode or a high duty cycle (transmits most of the time) must meet the same separation requirements as all other fixed transmitters; follow the applicable guidance in paragraph 3.3. If they do not meet these requirements, exclude them from operating in the classified information processing area. Low duty cycle (transmits short bursts infrequently) systems are not considered hazards and require no special treatment.
- 3.4.4. Cellular Telephones. These countermeasures are required. When a cellular telephone is used as an operational necessity separate it 5 meters from RED equipment. When the cellular telephone is a personal asset, its use is prohibited. Disable the unit from receiving calls or separate it 10 meters from RED processors. Cellular telephones are excluded from operating within 10 meters of the classified information processing area when the facility is located outside the United States.
- 3.4.5. Cordless Telephones. These countermeasures are required. When a radio frequency cordless telephone is used as an operational necessity, separate it 5 meters from RED equipment. When the cordless telephone is a personal asset, its use is prohibited. Disable the personal cordless telephone from receiving calls or separate it 10 meters from RED processors. There are no separation requirements for infrared cordless telephones. Cordless telephones are excluded from operating within 10 meters of the classified information processing area when the facility is located outside the United States.
- 3.4.6. Cordless Microphones.
- 3.4.6.1. Radio Frequency Cordless Microphones. These countermeasures are required. When a radio frequency cordless microphone, encrypted or unencrypted, is used for briefing either classified information or unclassified information, separate it 10 meters from RED equipment. Using unencrypted radio frequency cordless microphones for classified briefings is prohibited.
- 3.4.6.2. Infrared Cordless Microphones. These countermeasures are required. Using an infrared cordless microphone for briefing classified information requires blocking the line of sight to a possible place where an adversary could detect the infrared emanations. Do not forget that smooth or shiny surfaces cause infrared signals to be reflected. The best solution is to use a closed room, keeping the doors closed and covering the windows with drapes.
- 3.4.7. Cordless Accessories. These countermeasures are required. When a radio frequency cordless accessory such as a keyboard or a mouse is used, separate it 5 meters from RED equipment. Radio frequency cordless accessories cannot be used to process classified information unless encrypted.
- 3.4.8. Wireless Local Area Networks (LAN). These countermeasures are required. When a radio frequency wireless LAN is used, separate the transmitter and receiver units 5 meters from RED equipment.
- 3.4.9. Infrared LANs. These countermeasures are required. An infrared LAN processing classified information requires blocking the line of sight to a possible place where an adversary could detect the infrared emanations. Do not forget that smooth or shiny surfaces cause infrared signals to be reflected. The best solution is to use a closed room, keeping the doors closed and covering the windows with drapes.
- 3.4.10. Infrared Devices. These countermeasures are required. Infrared devices not covered by any subparagraph of paragraph 3.4 requires blocking the line of sight to a possible place where an adversary could detect the infrared emanations. Do not forget that smooth or shiny surfaces cause infrared signals to be reflected. The best solution is to use a closed room, keeping the doors closed and covering the windows with drapes.

NOTE: If guidance in paragraph 3.3 on Alarm signals is needed, please contact the Program Manager/Contract Monitor to obtain.

Effective 9 April 2002

ADDENDUM TO DD FORM 254 (Block 11,
EMISSION SECURITY (EMSEC) REQUIREMENTS
(FORMERLY TEMPEST REQUIREMENTS)

F33657-02-C-5411

EMISSIONS SECURITY ASSESSMENT REQUEST (ESAR)

FOR ALL CLASSIFIED SYSTEMS:

1. The contractor shall ensure that compromising emanations (EMSEC) conditions related to this contract are minimized.
2. The contractor shall provide countermeasure assessment data to the Contracting Officer (CO), in accordance with Chapter 8 of the NISPOM, in the form of an ESAR. The ESAR shall provide only specific responses to the data required in paragraph 3 below. The contractor's standard security plan shall NOT be used as a "stand-alone" ESAR response. The contractor shall NOT submit a detailed facility analysis/assessment. The ESAR information will be used to complete an EMSEC Countermeasures Assessment Review of the contractor's facility to be performed by the government EMSEC authority using current Air Force EMSEC directives. EMSEC is applied on a case-by-case basis and further information may be required to complete the review. The contractor shall provide this information to the CO when requested. After the evaluation of the ESAR by the government EMSEC authority, additional EMSEC requirements may be necessary. When changes to the information required in paragraph 3 below occurs (including, but not limited to, relocation, additions, or deletions of equipment from the original approved room), the contractors shall notify the CO of these changes. Upon request, the contractor shall submit to the CO a new ESAR, identifying the new configuration at least 30 days before the change occurs. The contractor shall NOT commence processing with the new configuration until receiving, as a minimum, interim approval from the CO.
3. *ESAR contents shall include, as a minimum, the following information:
 - a. The specific classification and special categories of material to be processed/handled by electronic means. Include percentage of each classification level used including unclassified (i.e., 5% Top Secret, 10% Secret/SAR, 25% Secret, 60% Unclassified).
 - b. The specific location (complete address, building/room number, or office) where classified processing will be performed. Include identification of any other contractor/company located within 200 meters of the facility.
 - c. Attach a copy of the Defense Investigative Service (DIS) Form 147 to validate physical security and approved storage level of facility.
 - d. Provide the name, title, and telephone number (commercial and/or DSN) of a point of contact at the facility where processing will occur.
4. The prime contractor shall ensure that all subcontractors and/or vendors comply with EMSEC requirements when performing classified processing related to this contract. The subcontractor will provide the above documentation through their prime to the CO to complete the ESAR.

*NOTE: A copy of your Automated Information System Security Plan(s) (AISSP) will suffice.

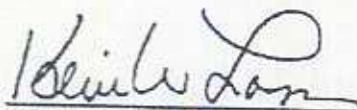
Effective 18 July 2002

AWARD-FEE PLAN

Multi-Platform Common Data Link (MP-CDL)

Concept & Technology Demonstration (CTD) Phase

COORDINATED:



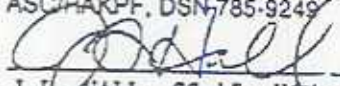
KEVIN W. LOPEZ, LICol, USAF
Chief, Data Links Branch
ASC/RAID, DSN 785-4514

Date: 21 May 02



JOHN G. MEYER
Contracting Officer
ASC/RAKPF, DSN 785-9249

Date: 21 May 02



J.L. HALL, GS-15, USN
Deputy Director, Sensors, Links & Ground Stations Division
ASC/RAI, DSN 785-9999

Date: 23 May 02

APPROVED:



GARY S. CONNOR, COL, USAF
Director, Reconnaissance SPO
ASC/RA

Date: 24 Jun 02

MP-CDL Award Fee Plan Evaluation Criteria

I. PREFACE

This Award Fee Plan is written to provide an effective means of fee determination and motivation to the contractor for the MP-CDL Concept and Technology Development (CTD) Program.

II. INTRODUCTION

This MP-CDL Award Fee Plan is the basis for evaluation of the contractor's performance and for presenting an assessment of that performance to the Fee Determining Official (FDO). The specific criteria and procedures used to assess the contractor's performance and to determine the amount of award fee earned are described herein. Also covered are all FDO decisions regarding the award fee, including but not limited to: award fee amount, if any; the methodology used to calculate the award fee; the contractor's entitlement to the award fee; and the process to provide the contractor the results of the award fee determination.

Award fee will be provided to the contractor through contract modifications and is in addition to the cost type provisions of the contract. Award fee earned and payable will be determined by the FDO based upon review of the contractor's performance against the criteria set forth in this plan. The FDO may unilaterally change this plan prior to the beginning of any evaluation period. The contractor will be notified of changes to the plan by the Contracting Officer (CO), in writing, before the start of the effected evaluation period. Changes to this plan that are applicable to a current evaluation period can only be incorporated by mutual consent of both parties.

Overall, this plan represents a streamlined, flexible approach to award fee. It is designed to detail the most pertinent, appropriate criteria that are directly applicable to the contractor's upcoming efforts and thereby provide optimum focus and motivation to perform in a superior and effective manner within the confines of the negotiated cost. The government will evaluate the contractor's achievement of the criteria identified herein.

In addition to the criteria set forth in this plan, a joint government/contractor Integrated Product Team (IPT) will recommend unique period events/items (such as: design review completion, release of computer software configuration item, delivery of acceptance test procedures, or completion of a line replaceable unit or a module) to be accomplished during each award fee period for both schedule and technical criteria contained in Annex 4, Evaluation Criteria.

The award fee process is subjective in nature. Every effort will be made to assure fairness. All decisions by the FDO are final and not subject to the Dispute Clause.

The fee pool is the total amount available for award to the contractor and is established prior to the contract award. There is no base fee for this award fee plan. Award fee is earned fee based on contractor performance.

III. ORGANIZATION

The award fee organization consists of: the FDO; an Award Fee Review Board (AFRB) which consists of a chairperson, the CO, a recorder, other functional area participants, including Defense

Contract Management Agency staff members, and advisor members; the performance monitors; and the contractor(s). The FDO, AFRB members, and performance monitors are listed in Annex 1.

IV. RESPONSIBILITIES

a. **Fee Determining Official.** The FDO is responsible for the contents and/or revisions of this Award Fee Plan. The FDO reviews the recommendation(s) of the AFRB, considers all pertinent data, including the contractor's self-assessment, and determines the earned award fee amount for each evaluation period.

b. **Award Fee Review Board.** The AFRB reviews performance monitors' evaluations of the contractor's performance, considers all information from pertinent sources, including the contractor's self-assessment, prepares interim performance reports, and arrives at an award fee assessment (which may include grade recommendations) to be presented to the FDO. The AFRB will also recommend changes to this plan to the FDO.

c. **Contracting Officer.** The CO is the liaison between contractor and government personnel.

d. **Performance Monitors.** Performance monitors maintain records of the contractor's performance in their assigned evaluation area(s) so that a fair and accurate evaluation is obtained. Monitors prepare interim and end-of-period evaluation reports as directed by the AFRB.

e. **Contractor.** Contractor(s) submits self assessment per the award fee process.

V. AWARD FEE PROCESSES

a. **Available Award Fee Amount.** The earned award fee will be paid based on the contractor's performance during each evaluation period. The available award fee for each evaluation period is shown in Annex 2. Any unearned portion of the award fee for each evaluation period may be rolled over to the next evaluation period and made available for award. However, this is done only in unusual circumstances. The amount of award fee rollover, if any, will be defined by the AFRB and approved by the FDO. The amount of the award fee pool is based on the contract-estimated costs of the MP-CDL CTD contract. As future contractually authorized changes increase or decrease the contract cost, the amount of money in the award fee pool will be proportionately adjusted. Such an adjustment will not require FDO approval. The award fee pool shall not be increased as the result of any cost overruns.

b. **Evaluation Criteria.** If the CO does not give specific notice in writing to the contractor of any change to the evaluation criteria prior to the start of a new evaluation period, then the criteria outlined in this plan will be used. If required, the evaluation criteria will be updated by revising the Award Fee Plan, Annex 4, and by providing notification to the contractor.

c. **Interim Evaluation Process.** The AFRB Recorder notifies each AFRB member and performance monitor 20 calendar days before the midpoint of the evaluation period. Performance monitors submit their evaluation reports to the AFRB 10 calendar days after notification. The AFRB determines the interim evaluation results and notes the contractor strengths and weaknesses for the current evaluation period within 10 days of the period midpoint. The CO will provide these interim evaluations to the contractor for their use in addressing the government's assessment of their performance at the midpoint of the evaluation period. The CO may also issue letters at any time when it is deemed necessary to highlight areas of government concern.

d. **End-of-Period Evaluations.** The AFRB Recorder notifies each AFRB member and performance monitor 20 calendar days before the end of the evaluation period. Performance monitors submit their evaluation reports to the AFRB 10 calendar days after the end of the evaluation period. The AFRB prepares its evaluation report and recommendation of award fee grade. The AFRB briefs the evaluation report and recommendation to the FDO. At this time, the AFRB may also recommend any significant changes to the award fee plan for FDO approval. The FDO determines the overall grade, the earned award fee amount for the evaluation period, and the final contents of the evaluation report within 30 calendar days after each evaluation period. The FDO letter informs the contractor of the earned award fee amount and provides a copy of the final evaluation report. The PCO issues a contract modification within 5 calendar days after the FDO's issuance of the decision letter, authorizing payment of the earned award fee amount.

e. **Contractor's Self-Assessment.** The contractor's self-assessment is submitted to the CO within five (5) calendar days after the end of the evaluation period. A self-assessment received after the fifth calendar day does not have to be considered in the evaluation. This written assessment of the contractor's performance throughout the evaluation period may also contain any information that may be reasonably expected to assist the AFRB in evaluating the contractor's performance. The contractor will be afforded the opportunity to attend the AFRB briefing to the FDO and can present a separate briefing to the FDO if desired. The contractor briefing should discuss the self-assessment in greater depth or provide a broader perspective on the information provided in the self-assessment. The contractor may be dismissed during government deliberations.

VI. AWARD FEE PLAN CHANGE PROCEDURE

Revisions to this plan shall be accomplished as required to reflect changes in program priorities. Recommended changes may be submitted by all government participants and by the contractor. Government personnel should forward all significant changes to the AFRB Recorder. The contractor should submit recommended changes in a contract letter to the CO. The AFRB recorder will ensure that the AFRB reviews recommended changes in conjunction with the evaluation process. Should circumstances dictate, the AFRB may convene to address recommendations separate from the evaluation process. After approval, the CO shall notify the contractor in writing of any change(s). Unilateral changes may be made to the award fee plan if the CO provides the contractor written notification before the start of the upcoming evaluation period. Changes affecting the current evaluation period must be by mutual agreement of both parties. Fee pool amounts will be revised via contractual modification to reflect additional or reduced effort.

A joint contractor/government IPT may recommend unique period technical and schedule events/items prior to each period. Any proposed revision will be reviewed by the FDO early enough to be issued before the start of the next evaluation period. The FDO will ensure all recommendations are considered fairly and objectively. For the first period, these unique schedule and technical events/items will be established prior to contract award. For the remaining periods, the government will initiate a meeting no later than 30 days prior to the end of the current award fee period to recommend unique technical and schedule period events for the following period. The CO letter will set these unique events/items forth to the contractor.

VII. CONTRACT TERMINATION

If the contract is terminated for the convenience of the government after the start of an award fee evaluation period, the award fee deemed earned for that period shall be determined by the FDO using the normal award fee evaluation process. After termination for convenience, the remaining award fee amounts allocated to all subsequent award fee evaluation periods cannot be earned by the

contractor and, therefore, shall not be paid.

VIII. PLAN ANNEXES

This Award Fee Plan has four (4) Annexes. These include (1) Award Fee Organization, (2) Allocation, Evaluation Periods and Assessments, (3) Instructions for Performance Monitors, and (4) Evaluation Criteria.

ANNEX 1

MP-CDL Award Fee Organization

MP-CDL Award Fee Team

Fee Determining Official:

Director (or Acting Director), Reconnaissance Systems Program Office (ASC/RA)

Chairperson, Award Fee Review Board:

Director (or Deputy Director), Sensors, Links and Ground Stations (ASC/RAJ)

Membership, Award Fee Review Board:

- Branch Chief, Data Links (ASC/RAJD)
- MP-CDL Program Manager (ASC/RAJD)
- Contracting Officer (ASC/RAKP)
- Financial Manager (ASC/RAFP)
- Engineering (ASC/RAJE)
- Logistics (ASC/RAJS)
- Test (ASC/RAJP)
- Defense Contract Management Agency (DCMA)
- Legal AFMC/LO JA (non-voting)
- Recorder ASC/RAJD (non-voting)

Performance Monitors:

Performance monitors consist of Program Managers, System Engineers, Software Engineers, Manufacturing Specialists, Logistics Management Specialists, Configuration Managers, Financial Analysts, Contract Negotiators, Test Managers, Program Support personnel, and personnel from the Defense Contract Management Agency. Performance monitors may be drawn from the following organizations: MP-CDL IPT, ASC/RA, ESC/SRV, ESC/JS, PM DCGS-A, ESC/DI, AFC2ISRC, and TRADOC. This list is not inclusive. The government may augment performance monitors' membership without the need to change this plan.

ANNEX 2

MP-CDL Award Fee

Allocation, Evaluation Periods and Assessments

(revised 3 Feb 2003)

Allocation and Evaluation Periods

The following table lists the available award fee pool for each period.

The award fee pool covers Contract Line Items 0001, 0002, and 0004. The available award fee pool is \$1,396,347.00.

Period	Milestone	Anticipated Comp Date	Fee Pool	Base Fee	Remaining Fee
1	45 days after PDR	ARO + 5.5 mo	\$367,000.00	\$236,000.00	\$131,000.00
2	45 days after CDR	ARO + 9.5 mo	\$290,000.00	\$115,000.00	\$175,000.00
3	45 days after RASG	ARO + 14.5 mo	\$181,000.00	\$100,000.00	\$81,000.00
4	45 days after FAD	ARO + 20.5 mo	\$209,260.00	\$ 32,630.00	\$176,630.00
5	45 days after Demo	ARO + 29.5 mo	\$349,087.00	\$ 40,000.00	\$309,087.00

Award Fee Assessment (Grading)

The contractor will be assessed on the quality of its performance against contract requirements utilizing the evaluation areas, criteria, and grading standards. The assessment will involve a review and evaluation of verbal, written, and electronic communications between the government and contractor teams, information received at program and technical reviews, and other information deemed pertinent. The award fee evaluation will be summarized by the government team as an overall score, which will be related to the percent of award fee paid on the remaining fee, by period, as listed above.

The award fee grades and payment percentages available follow:

GRADE	OVERALL SCORE	PERCENT OF REMAINING AWARD FEE AVAILABLE
Excellent	80 – 100	80% – 100%
Satisfactory	51 – 79	51% – 79%
Unsatisfactory	0 – 50	no award fee

ANNEX 3

MP-CDL Award Fee

Instructions for Performance Monitors

Performance monitors will maintain a continuous written record of the contractor's performance in their evaluation area(s) of responsibility. They will rate contractor performance as excellent, satisfactory or unsatisfactory, based on correspondence, reports, data items, meetings, and conversations, which demonstrate the contractor's day-to-day performance. A summary of contractor performance will be prepared at the end of each of the evaluation periods. Performance monitors will conduct all assessments in an open, objective, and cooperative spirit so that a fair and accurate evaluation is obtained. Performance monitors will provide their contractor counterparts feedback on program issues as part of the day-to-day management of the program. The performance monitors will make every effort to be consistent from period to period in their approach to determining the recommended ratings. Positive performance accomplishments should be emphasized just as readily as negative.

Date:

ANNEX 4 MP-CDL Award Fee Evaluation Criteria

Evaluation criteria for the MP-CDL award fee program cover three (3) main areas of contractor performance. These areas include Cost Control, Product Management, and Technical Performance. Cost Control will comprise 30 percent of the total award fee. Product Management will also be set at 30 percent. Technical Performance will be 40 percent of the total award fee.

Criteria A: COST CONTROL (30%)

The Cost Control area will be evaluated using the following criteria:

The government shall assess the contractor's Earned Value Management System (EVMS) process, management and reporting of contract cost performance, and projected total ownership cost. The government shall assign a rating as described below:

EXCELLENT (80-100 points)

- Government Estimate at Completion (EAC) is below negotiated contract cost.
- Contractor demonstrates effective use of the EVMS and delivers high quality reports, which show traceability to Integrated Master Schedule (IMS) and work breakdown structure (WBS) elements, in a timely manner.
- Favorable cost variance with a positive trend is being achieved.
- Variance analysis provides detailed insight into root cause(s) of variance(s). Contractor takes immediate action to notify the government of negative variance(s) from the cost profile and the corrective action plan to eliminate the variance(s).
- Contractor proactively provides insight into cost growth risks and aggressively institutes abatement/mitigation actions to eliminate cost growth.
- Always demonstrates logic and consistency among Cost/Schedule Status Report (C/SSR), Contractor Funds Status Report (CFSR), and contractor (including subcontractor) billings.
- Always submits timely and accurate billings, including subcontractor billings.
- Manages an affordable program with emphasis on total ownership cost:
 - Effectively and aggressively manages the system's design to allow affordable changes in support of future capability upgrades, supportability, and producibility over the program life.
 - Has an exceptionally robust and mature process to manage the average production unit cost (APUC) program. Aggressively employs the APUC process to progress toward the target cost. Is making significant progress towards meeting the APUC goal, which allows a trade-off to incorporate significantly more capability beneficial to the warfighter. Projections indicate acceptable risk of not making APUC goal when considering mitigation actions planned or taken.
- Contractor insight is provided in a timely manner without government prompting.

SATISFACTORY (51-79 points)

- Government EAC exceeds negotiated contract cost by 5% or less.
- Contractor demonstrates use of the EVMS and delivers reports, which generally show traceability to IMS and WBS elements.
- Favorable cost variance is achieved most of the time, with a few negative deviations.
- Variance analysis provides insight into root cause(s) of variance(s). Contractor takes somewhat timely action to notify the government of negative variance(s) from the cost profile and the corrective action plan to control the variance.
- Contractor provides some insight into cost growth risks and some abatement/mitigation actions are being developed to eliminate cost growth.
- Generally demonstrates logic and consistency among C/SSR, CFSR, and contractor (including subcontractor) billings.
- Submits mostly accurate billings, including subcontractor billings.
- Manages an affordable program with emphasis on total ownership cost:
 - Generally manages the system's design to allow affordable changes in support of future capability upgrades, supportability, and producibility over the program life.
 - Demonstrates a satisfactory process for predicting APUC. Employs the process to progress toward the target cost goal. With consideration given to government involvement in decisions about performance/cost trades, progress towards attaining targeted APUC is acceptable to the government. Projections indicate some unacceptable risks of not making the APUC goal, however mitigation actions are planned.
 - Contractor insight is generally provided. The government may need to prompt the contractor for some detailed information.

UNSATISFACTORY (0-50 points)

- Government EAC exceeds negotiated contract costs by more than 5%.
- Contractor demonstrates sporadic or no use of the EVMS. Reports are inaccurate, if provided at all, and traceability to IMS and WBS elements is not apparent.
- Cost variances consistently have negative deviations.
- Variance analysis does not provide insight into root cause(s) of variance(s). Contractor fails to notify the government of negative variances from the cost profile and lacks corrective action plans to control the variance.
- Contractor does not provide insight in cost growth risks, and no actions are planned or actions are ineffective to eliminate or mitigate cost growth.
- No consistency among C/SSR, CFSR, and contractor (including subcontractor) billings.
- Billings are usually late and/or inaccurate, including subcontractor billings.
- Manages an affordable program with emphasis on total ownership cost:
 - There is little evidence the contractor is managing the system's design to allow affordable changes in support of future capability upgrades, supportability, and producibility over the program life.
 - Does not have a satisfactory process for predicting APUC. Projections indicate a high risk of not meeting the APUC target. Progress towards meeting the APUC goal is not evident and no mitigation actions are planned.
 - Contractor provides little-to-no insight. The government routinely prompts the contractor to gain an understanding of cost control performance.

Criteria B: PRODUCT MANAGEMENT (30%)

These criteria are used to assess how the contractor manages cost, the Integrated Master Plan (IMP)/IMS, risk, and program knowledge to determine if the program is behind, on or ahead of schedule in achieving program objectives.

EXCELLENT (80-100 points)

- Demonstrates exceptional leadership in managing progress that meets, and often exceeds, schedule requirements. Contractor is on or ahead of schedule.
- Strong evidence that the contractor is proactively managing the critical schedule events and unique period events. Adheres to the IMP/IMS with no significant changes to the contractual milestones. Recommended changes to the milestones consistently support program objectives.
- Strong evidence that the contractor is managing the critical path, near critical path activities, and changes that impact the critical path.
- Process to manage prime and subcontractor(s) cost, schedule and performance tradeoffs is robust and meets or usually exceeds expectations. All significant decisions include the government IPT in the process.
- Proactively manages the interaction with platforms and related programs.
- Effectively manages subcontractor(s) to prevent schedule slips. Identifies and establishes work-arounds to secure minimal impact to schedule when subcontractor(s) fail to meet schedule requirements.
- Demonstrates a solid risk management process that proactively identifies and manages risk as well as effectively minimizes schedule risk.
- The contractor proactively pursues opportunities to improve the government/contractor partnership and communication.
 - Provides thorough insight into the contractor's and subcontractor(s) progress in developing and demonstrating MP-CDL terminals.
 - Interdivisional and subcontracted efforts are fully represented in IPT activity and full participation occurs in all contract reviews.
 - The contractor is extremely cooperative/responsive to government queries, requests, guidance and direction.
 - The contractor provides program status information that is simple to access, highly accurate and easy to use.
- Applies a robust risk management process that includes the government IPT. The risk management process clearly identifies and tracks the most significant risks and prudently implements effective risk mitigation techniques.

SATISFACTORY (51-79 points)

- Manages progress that usually meets schedule requirements. Contractor may be behind development, however a recovery plan is in place.
 - The contractor is managing the critical schedule events with only minor slips in schedule (less than 10%). Some evidence that the contractor is managing the schedule for the unique period performance events. Is generally compliant with the IMP/IMS. Recommended changes to the milestones are generally characterized as corrections to offset minor issues associated with schedule recovery. Identifies potential problems before there are major schedule impacts.
- Some evidence that the contractor is managing the critical path, near critical path activities,

- and changes that impact the critical path.
- Process to manage prime and subcontractor(s) cost, schedule and performance tradeoffs usually meets expectations. Some, but not all, significant decisions are coordinated with the government IPT.
- Manages the interaction with platforms and related programs with some government involvement necessary to ensure schedule is maintained.
- Manages subcontractor(s) to keep schedule slips to a minimum. Generally develops work-arounds to mitigate impact to schedule when subcontractor(s) fail to meet schedule requirements.
- Employs a risk management process that addresses schedule risk.
- The contractor participates in the government/contractor partnership.
 - Progress in developing and demonstrating MP-CDL terminals is reviewed only at scheduled meetings.
 - Some interdivisional and subcontracted efforts are represented to the IPT. Participation in contract reviews usually meets expectations.
 - The contractor is cooperative/responsive to government queries, requests, guidance and direction.
 - The contractor provides program status information that can be accessed and is usually accurate.
- Applies a risk management process that usually includes the government IPT. The risk management process identifies and tracks most risks. Risk mitigation actions are generally implemented.

UNSATISFACTORY (0-50 points)

- Manages progress but often fails to meet schedule requirements. Contractor is significantly behind schedule and/or there is no recovery schedule.
 - The contractor ineffectively manages or fails to manage the critical schedule events and significant slips (greater than 10%) in schedule have occurred. Minimal, if any, evidence that the contractor manages the schedule for the unique period performance events. There are major deviations from the IMP/IMS and some significant changes to the milestones have occurred. Government must initiate discussions with contractor to get information about problem areas.
 - Minimal indication that the contractor is managing the critical path, near critical path activities, and changes that impact the critical path.
 - Process to manage prime and subcontractor(s) cost, schedule and performance tradeoffs often doesn't meet expectations. Significant decisions are generally not coordinated with the government IPT.
 - Contractor is indifferent to requirements of associated activities, related systems and IPT advice.
 - Fails to identify and address subcontractor(s) problems causing major impact to schedule. Doesn't always ensure subcontractor(s) are held responsible for their tasks even after government intervention.
 - Contractor's risk management process often fails to address schedule risk.
- The contractor reluctantly and ineffectively participates in the government/contractor partnership. Teaming between government and contractor personnel is ineffective and contentious, resulting in loss of efficiency and poor overall performance.
- Progress in developing and demonstrating MP-CDL terminals is difficult to assess due to lack of detail and specificity in material presented at reviews.

- Interdivisional and subcontracted efforts are poorly represented to the IPT. Participation in contract reviews often doesn't meet expectations.
- Constant government surveillance is required to keep tasks prioritized in accordance with IPT desires. Task completion is routinely late.
- The contractor doesn't regularly post program status information. Posted information is sometimes inaccurate and incomplete.
- Does not apply a distinguishable risk management process. The government IPT is not afforded an opportunity to regularly participate in the process. Many contractor risk mitigation actions are simply managing the impacts of risks that have occurred.

Criteria C: TECHNICAL PERFORMANCE (40%)

These criteria are used to assess how well the contractor is meeting the technical performance parameters of the MP-CDL contract, as described by the System Specification and depicted by the IMP. Not all the areas will be evaluated during each phase of the contract. Specific contractor work accomplished during each award fee period will dictate the applicable criteria.

EXCELLENT (80-100 points)

- Contractor employs a highly disciplined and effective systems engineering process that clearly demonstrates a thorough understanding of the technical requirements. Applies disciplined systems engineering to the allocation and traceability of functional requirements into all levels of system hardware and software design specifications, design and material decisions, and verification procedures.
- Systems engineering process produces a robust system design and architecture that ensures life cycle cost affordability (including growth, producibility and supportability).
- All trade studies clearly communicate actionable information to the government. Contractor presents innovative, high pay-off trades that include but are not limited to: performance, verification approaches, platform integration impacts (e.g., size, weight, power, flexible network interfaces, radio frequency [RF] interference, electromagnetic compatibility), and life cycle cost affordability (e.g., growth, APUC, producibility, supportability).
- Excellent system design and architecture (including hardware and software) that clearly shows how all system specification performance requirements will be met and several will be exceeded.
- The contractor's system design provides great confidence that RF interference between the MP-CDL system and other users in the battlespace, including tactical unmanned aerial vehicles and associated ground stations, will be mitigated such that operations will not be impacted.
- System design demonstrates flexibility in the network interface and has incorporated means to adapt to the network architecture to be defined as a part of the Intelligence, Surveillance, and Reconnaissance (ISR) Network.
- Proactively identifies design issues affecting key performance parameters (KPP) and thresholds. Issues are aggressively worked with innovative solutions that maintain performance and are proactively communicated to the government.
- Robust and integrated verification process. System integration and verification process demonstrates successful incremental maturation of the design toward meeting system requirements. Demonstration plans and reports are thorough, accurate, and complete.
- Integration with other platforms and programs (including the ISR Network) require minimal if

any government action.

- Control Documents (ICD) are clear, complete, and established early in the design phase with an interface definition that is technically compatible with other systems. ICDs are stable unless impacted by events that are beyond the contractor's control.
- Capability demonstrations with platforms and programs meet or exceed all significant requirements without degradation to the existing platform capabilities.

SATISFACTORY (51-79 points)

- The contractor employs a reasonable systems engineering process that is effective most of time and demonstrates an understanding of the technical requirements. Applies systems engineering to the allocation and traceability of functional requirements into most levels of system hardware and software design specifications, design and material decisions, and verification procedures.
- Systems engineering process produces a system design and architecture that results in a reasonable life cycle cost (including growth, producibility and supportability).
- Most trade studies communicate mostly relevant information to the government. Contractor presents adequate trade studies.
- Reasonable system design and architecture (including hardware and software) that shows how system specification performance requirements will be met.
 - The contractor's system design provides some confidence that RF interference between the MP-CDL system and other users will be mitigated such that operations will not be impacted.
 - System design includes a reasonable network interface but there are questions as to its ability to be adapted to the network architecture to be defined as a part of the ISR Network.
- Design issues affecting performance KPPs and thresholds are identified and communicated to the government. Issues are worked, but solutions do not guarantee performance will be maintained.
- Reasonably detailed and complete verification process. System integration and verification process will likely result in a design that meets system requirements. Demonstration plans and reports are adequate.
- Integration with other platforms and programs (including the ISR Network) is being accomplished but requires some government intervention and facilitization.
- ICDs are developed with little government intervention. Interfaces may require modification in order to be compatible with other systems. ICDs may require changes as the design matures, in addition to impacts caused by events that are beyond the contractor's control.
- Capability demonstrations with platforms and programs meet most significant requirements with minimal degradation to the existing platform capabilities.

UNSATISFACTORY (0-50 points)

- Systems engineering process lacks maturity and is frequently ineffective, and the contractor does not understand a significant number of the technical requirements. No discipline in the process of allocating functional requirements into necessary levels of system hardware and software design specifications, design and material decisions, and verification procedures.
- Systems engineering process produces a system design and architecture that will result in a life cycle cost (including growth, producibility and supportability) that is not affordable.

1. Communication of relevant information regarding trade studies that may be required by the customer is not providing the trade off process

- **CDL**
 - System design and architecture (including hardware and software) does not meet all system specification performance requirements.
 - The contractor's system design provides little confidence that its interface between the MP-CDL system and other users will be integrated such that operations will not be impacted.
 - System design includes an interface or proprietary network and will have to be modified substantially to function within the network architecture to be defined as a part of the ISR network.
 - Design issues affecting performance KPIs and thresholds are not identified or communicated to the government. Solutions to issues do not exist or may violate a KPI or several thresholds.
 - Lacks a defined and effective verification process. System integration and verification process is not producing a design that meets system requirements. Demonstration plans and reports are deficient.
 - Integration with other platforms and programs (including the ISR network) requires significant government involvement, if occurring at all.
 - ICDs require significant government involvement to develop. ICDs that do exist are vague or incomplete. The contractor has not developed ICDs that will support affordable integration of the system as required.
 - Capability demonstrations with platforms and programs do not meet KPIs or several threshold requirements and are likely to result in significant degradation to the existing platform capabilities.

- Communication of relevant information regarding trade studies to the government does not occur. Contractor is not pursuing the trade-off process.
- System design and architecture (including hardware and software) does not meet all system specification performance requirements.
- The contractor's system design provides little confidence that RF interference between the MP-CDL system and other users will be mitigated such that operations will not be impacted.
- System design includes an inflexible or proprietary network and will have to be modified substantially to function within the network architecture to be defined as a part of the ISR Network.
- Design issues affecting performance KPPs and thresholds are not identified or communicated to the government. Solutions to issues do not exist or may violate a KPP or several thresholds.
- Lacks a defined and effective verification process. System integration and verification process is not producing a design that meets system requirements. Demonstration plans and reports are deficient.
- Integration with other platforms and programs (including the ISR Network) requires significant government involvement, if occurring at all.
- ICDs require significant government involvement to develop. ICDs that do exist are vague or inaccurate. The contractor has not developed ICDs that will support affordable integration of the system as required.
- Capability demonstrations with platforms and programs do not meet KPPs or several threshold requirements and are likely to result in significant degradation to the existing platform capabilities.

See separate file on <http://eda.ogden.disa.mil>

or <https://www.nafi.navy.mil> for Attachment 7

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO
P00001

3. EFFECTIVE DATE
DEC 13 2002

4. REQUISITION PURCHASE REQ NO
SEE SCHEDULE

1. CONTRACT ID CODE
R - CPAF

PAGE OF PAGES
1 of 3

5. ISSUED BY ASC RAK

CODE

FA8620

5. PROJECT NO. (If applicable)

7. ADMINISTERED BY (If other than item 6)
DCMA DENVER
ORCHARD PLACE 2, SUITE 200
5975 GREENWOOD PLAZA BLVD
ENGLEWOOD CO 80111-4715

CODE

S0602A

USAF/AFMC
AERONAUTICAL SYSTEMS CENTER (ASC)
2640 LOOP ROAD WEST, ROOM 213
WRIGHT-PATTERSON AFB OH 45433-7106
DARRYL E. WILLIAMS 937 255-3063
darryl.williams@wpafb.af.mil

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county)
L 3 COMMUNICATIONS CORPORATION
COMMUNICATION SYSTEMS WEST
640 N 2200 W
SALT LAKE CITY UT 84116
(801) 594-7100

MAILING DATE

DEC 13 2002

CODE 06401

FACILITY CODE

(X) 9A. AMENDMENT OF SOLICITATION NO

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO
F33657-02-C-5411

10B. DATED (SEE ITEM 13)

15 NOV 2002

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
SEE SCHEDULE

13. THIS ITEM APPLIES ONLY TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- (X) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: () THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. ITEM 10A.
- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
- X D. OTHER (Specify type of modification and authority)
FAR 52.232-22 - Limitation of Funds

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

SUBJECT: FUNDING ACTION
CHANGE IN PRICE: NONE
CHANGE IN OBLIGATION: \$3,709, 921.00 (INCREASE)

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF SIGNER (Type or print)

JOHN G. MEYER
Contracting Officer

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

(Signature of Contracting Officer)

12/12/2002

The purpose of this modification is to deobligate \$4,000,000.00 from info CLIN 000101 ACRN AA, and create info CLIN 000102 ACRN AB and incrementally fund it for \$7,709,921.00. Total amount funded for CLIN 0001 is changed to \$8,171,006.00 an increase of \$3,709,921.00.

SECTION B SUPPLIES OR SERVICES AND PRICES/COST

5352 232-9001, IMPLEMENTATION OF LIMITATION OF FUNDS (AFMC) (JUL 1997)

is changed as follows:

Para (a), Time Period ("Through" date): 30 September 2003 for 000101; 30 September 2004 for 000102

Para (a), Sum Allotted to this contract and available for payment is: \$8,171,006.00

ITEM	SUPPLIES OR SERVICES	Qty Purch Unit	Unit Price Total Item Amount
<u>MP-CDL CTD</u>			
000101	CLIN Change Noun: ACRN: AA Descriptive Data: Incremental Funding, change of balance of CLIN 000101. This action deobligates \$4,000,000.00 in FY 02 funds leaving a balance on 000101 of \$461,085.00.	Funding Info Only AA	-\$4,000,000.00
000102	CLIN Establish Noun: ACRN: AB Descriptive Data: Incremental Funding of CLIN 0001	Funding Info Only AB	+\$7,709,921.00

SECTION G - CONTRACT ADMINISTRATION/PAYMENT DATA:

ACRN	Appropriation/Lmt Subhead/Supplemental Accounting Data	Obligation Amount
AA	ACRN Change 57 23600 292 3620 674819 000000 00000 000000 503000 F03000 New ACRN Amount: \$461,085.00 Funding breakdown: On CLIN 000101: -\$4,000,000.00 PRIMIPR: GRAJS037200054 -\$4,000,000.00 Descriptive data: The fund cite appears as follows on the PR: 5723600 292 3620 674819 2AV020 000000 00000 35206F 503000 F03000. PR is partial.	-\$4,000,000.00

SCHEDULE OF CHANGES

<u>ACRN</u>	<u>Appropriation/Lmt Subhead/Supplemental Accounting Data</u>	<u>Obligation Amount</u>
AB	ACRN Establish	
	57 33600 293 3620 674819 000000 00000 35206F 503000 F03000	\$7,709,921.00
	New ACRN Amount:	\$7,709,921.00
	Funding breakdown:	On CLIN 000102: +\$7,709,921.00
	PR/MIPR:	GRAJS037200084 \$7,709,921.00
	Descriptive data:	
	The fund cite appears as follows on the PR: 5733600 293 3620 674819 <u>2AV020</u> 000000	
	00000 35206F 503000 F03000	
	PR is partial	

G005 Payment Instructions for Multiple Accounting Classification Citations (Mar 2001) is changed as follows:

<u>ACRN</u>	<u>SubCLIN</u>	<u>Total Obligated</u>
AA	000101	\$ 461,085.00
AB	000102	\$7,709,921.00

AWARD / CONTRACT		1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 350)		RATING DO-A7		PAGE of PAGES 1 22	
2. CONTRACT (PROC. INST. IDENT.) NO. F33657-02-C-5411		3. EFFECTIVE DATE		4. REQUISITION / PURCHASE REQUEST / PROJECT NO. See Section G			
ISSUED BY ASC/RAKP C/RAKP 40 LOOP ROAD WEST WRIGHT-PATTERSON AFB OH 45433-7106 JOHN G. MEYER (937) 255-9249 john.meyer@wpafb.af.mil		CODE FA8620		6. ADMINISTERED BY (IF OTHER THAN ITEM 5) DCMA DENVER ORCHARD PLACE 2, SUITE 200 5975 GREENWOOD PLAZA BLVD ENGLEWOOD CO 80111-4715		CODE S0602A	
7. NAME AND ADDRESS OF CONTRACTOR (NO., STREET, CITY, COUNTY, STATE AND ZIP CODE) L 3 COMMUNICATIONS CORPORATION COMMUNICATION SYSTEMS WEST 640 N 2200 W SALT LAKE CITY UT 84116 (801) 594-7100				8. DELIVERY <input type="checkbox"/> FOB Origin <input checked="" type="checkbox"/> Other (see below)			
				9. DISCOUNT FOR PROMPT PAYMENT N			
				10. SUBMIT INVOICES (4 COPIES UNLESS OTHERWISE SPECIFIED) TO		ITEM	
CAGE CODE 06401				FACILITY CODE		THE ADDRESS SHOWN IN	
11. SHIP TO / MARK FOR See Section F		CODE		12. PAYMENT WILL BE MADE BY DFAS-COWEST ENTITLEMENT OPER P O BOX 182381 COLUMBUS OH 43218-2381		CODE HQ0339	
13. AUTHORITY FOR OTHER THAN FULL AND OPEN COMPETITION				14. ACCOUNTING AND APPROPRIATION DATA See Section G			
15A. ITEM NO See Section B	15B. SUPPLIES/SERVICES	15C. QUANTITY	15D. UNIT	15E. UNIT PRICE	15F. AMOUNT		
15G. TOTAL AMOUNT OF CONTRACT				\$17,858,210.00			

16. Table of Contents

SEC	DESCRIPTION	PAGE(S)	SEC	DESCRIPTION	PAGE(S)
PART I - THE SCHEDULE					
✓ A	SOLICITATION/CONTRACT FORM	1	✓ I	CONTRACT CLAUSES	15
✓ B	SUPPLIES OR SERVICES AND PRICES/COSTS	2	PART III - LIST OF DOCUMENTS, EXHIBITS & ATTACHMENTS		
✓ C	DESCRIPTION/SPECS./WORK STATEMENT	5	✓ J	LIST OF ATTACHMENTS	22
✓ D	PACKAGING AND MARKING	6	PART IV - REPRESENTATIONS AND INSTRUCTIONS		
✓ E	INSPECTION AND ACCEPTANCE	7	K	REPRESENTATIONS, CERTIFICATIONS	
✓ F	DELIVERIES OR PERFORMANCE	8		OTHER STATEMENTS OF OFFERORS	
✓ G	CONTRACT ADMINISTRATION DATA	10	L	INSTRS., CONDS., AND NOTICES TO	
✓ H	SPECIAL CONTRACT REQUIREMENTS	13	M	EVALUATION FACTORS FOR AWARD	

CONTRACTING OFFICER WILL COMPLETE ITEM 17 OR 18 AS APPLICABLE

17. <input type="checkbox"/> Contractor's Negotiated Agreement (Contractor is required to sign this document and return copies to issuing office). Contractor agrees to furnish and deliver all items or perform all services set forth or otherwise identified above and on any continuation sheets for the consideration stated herein. The rights and obligations of the parties to this contract shall be subject to and governed by the following documents: (a) this award/contract, (b) the solicitation, if any, and (c) such provisions, representations, certifications, and specifications, as are attached or incorporated by reference herein. (Attachments are listed herein.)		18. <input checked="" type="checkbox"/> Award (Contractor is not required to sign this document). Your offer on solicitation number F33657-02-R-5411 including the additions or changes made by you which additions or changes set forth in full above, is hereby accepted as to items listed above and on any continuation sheets. This award consummates the contract which consists of the following documents: (a) the Government's solicitation and your offer, and (b) this award/contract. No further contractual document is necessary.	
19A. NAME AND TITLE OF SIGNER (TYPE OR PRINT)		20A. NAME OF CONTRACTING OFFICER JOHN G. MEYER	
19B. Name of Contractor	19C. Date Signed	20B. United States of America	20C. Date Signed 13 NOV 2002
by _____ (signature of person authorized to sign)		by  (signature of Contracting Officer)	

N 7540-01-152-8069

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STANDARD FORM 26 (Rev 4-85)

Prescribed by GSA FAR (48 CFR) 53.214(a)

Created 13 Nov 2002 4:00 PM

SOLICITATION, OFFER AND AWARD

1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 350)

RATING
DO-A7

PAGE OF PAGES
1 21

2. CONTRACT NO.

3. SOLICITATION NO.

F33657-02-R-5411

4. TYPE OF SOLICITATION

☐ SEALED BID (IFB)

☒ NEGOTIATED (RFP)

5. DATE ISSUED

6. REQUISITION/PURCHASE NO.

7. ISSUED BY ASC/RAKP

CODE

FA8620

8. ADDRESS OFFER TO (If other than Item 7)

USAF/AFMC

AERONAUTICAL SYSTEMS CENTER (ASC)

2640 LOOP ROAD WEST, ROOM 203

WRIGHT-PATTERSON AFB OH 45433-7106

JOHN G. MEYER (937) 255-9249

JOHN.MEYER@WPAFB.AF.MIL

NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder".

SOLICITATION

9. Multi Platform Common Data Links (MP-CDL) Concept Technology Development (CDT). Offers in original and copies (number and kind of copies are specified in Section L) for furnishing the supplies and services in the Schedule will be received at the place specified in Section L, paragraph 2.6, "Distribution", until 1500 hour local time (3:00 PM EDT) on 29 July 2002

10. FOR INFORMATION CALL

A. NAME

JOHN G. MEYER

B. TELEPHONE (Include area code)

(NO COLLECT CALLS)

(937) 255-9249 X

C. E-MAIL ADDRESS

john.meyer@wpafb.af.mil

11. TABLE OF CONTENTS

(V)	SEC	DESCRIPTION	PAGE(S)	(V)	SEC	DESCRIPTION	PAGE(S)
		PART I - THE SCHEDULE				PART II - CONTRACT CLAUSES	
✓	A	SOLICITATION/CONTRACT FORM	1	✓	I	CONTRACT CLAUSES	14
✓	B	SUPPLIES OR SERVICES AND PRICES/COSTS	2			PART III - LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACH.	
✓	C	DESCRIPTION/SPECS./WORK STATEMENT	5	✓	J	LIST OF ATTACHMENTS	21
✓	D	PACKAGING AND MARKING	6			PART IV - REPRESENTATIONS AND INSTRUCTIONS	
✓	E	INSPECTION AND ACCEPTANCE	7	✓	K	REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF OFFERORS	K - 1
✓	F	DELIVERIES OR PERFORMANCE	8			AND OTHER STATEMENTS OF OFFERORS	
✓	G	CONTRACT ADMINISTRATION DATA	10	✓	L	INSTRS, CONDS, AND NOTICES TO OFFERORS	L - 1
✓	H	SPECIAL CONTRACT REQUIREMENTS	12	✓	M	EVALUATION FACTORS FOR AWARD	M - 1

OFFER (Must be fully completed by offeror)

NOTE: Item 12 does not apply if the solicitation includes the provisions at 52.214-16, Minimum Bid Acceptance Period.

12. In compliance with the above, the undersigned agrees, if this offer is accepted within 60 calendar days (60 calendar days unless a period is inserted by the offeror) from the date of receipt of offers specified above, to furnish any or all items upon which prices are offered at the price set opposite each item, delivered at the designated point(s), within the time specified in the schedule.

13. DISCOUNT FOR PROMPT PAYMENT

(See Section I, Clause No. 52.232-8)

10 CALENDAR DAYS
%

20 CALENDAR DAYS
%

30 CALENDAR DAYS
%

CALENDAR DAYS
%

14. ACKNOWLEDGEMENTS OF AMENDMENTS

(The offeror acknowledges receipt of amendments to the SOLICITATION for offerors and related documents numbered and dated:

AMENDMENT NO.

DATE

AMENDMENT NO.

DATE

0001

09 Sep 2002

15A. NAME AND ADDRESS OF OFFEROR

CODE

06401

FACILITY

L-3 Communications

640 North 2200 West, P.O. Box 16850

Salt Lake City, Utah 84116-0850

16. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN

OFFER (Type or print)

Richard L. Robertson

Director, Contracts/CPM

15B. TELEPHONE NO. (Include area code)

801-594-7777

15C. CHECK IF REMITTANCE ADDRESS

☐ IS DIFFERENT FROM ABOVE - ENTER SUCH ADDRESS IN SCHEDULE

17. SIGNATURE

Richard L. Robertson

18. OFFER DATE

23 Sep 2002

AWARD (To be completed by Government)

19. ACCEPTED AS TO ITEMS NUMBERED

20. AMOUNT

21. ACCOUNTING AND APPROPRIATION

22. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION:

☐ 10 U.S.C. 2304(c)()

☐ 41 U.S.C. 253(c)()

23. SUBMIT INVOICES TO ADDRESS SHOWN IN (4 copies unless otherwise specified)

ITEM

24. ADMINISTERED BY (If other than Item 7) CODE

25. PAYMENT WILL BE MADE BY

CODE

26. NAME OF CONTRACTING OFFICER (Type or print)

27. UNITED STATES OF AMERICA

28. AWARD DATE

(Signature of Contracting Officer)

IMPORTANT - Award will be made on this Form, or on Standard Form 26, or by other authorized official written notice

AUTHORIZED FOR LOCAL REPRODUCTION

PREVIOUS EDITION IS UNUSABLE

ConWrite Version 5.0.5

Created 21 Jun 2002 3:11 PM

STANDARD FORM 33 (REV. 9-97)

Prescribed by GSA

FAR (48 CFR) 53.21(c)

PART I - THE SCHEDULE
SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

ITEM	SUPPLIES OR SERVICES	Qty Purch Unit	Unit Price Total Item Amount
0001		1 Lot	EST \$17,074,862.00 EST \$17,074,862.00
	<p><i>Noun:</i> MULTI PLATFORM COMMON DATA LINK (MP-CDL) CTD</p> <p><i>ACRN:</i> 9</p> <p><i>NSN:</i> N - Not Applicable</p> <p><i>Contract type:</i> R - COST PLUS AWARD FEE</p> <p><i>Inspection:</i> SOURCE</p> <p><i>Acceptance:</i> DESTINATION</p> <p><i>FOB:</i> SOURCE</p> <p><i>Descriptive Data:</i> The contractor shall design, build, verify and demonstrate the Multi Platform Common Data Link (MP-CDL) System in accordance with the Concept Technology Development (CTD) MP-CDL Specification 8158140 dated 11 September 2002, Attachment 3 of Section J, attached hereto, and the CTD MP-CDL Statement of Work dated 23 September 2002, Attachment 1 of Section J, attached hereto.</p> <p>Year 1 Cost Estimate: \$ 504,610.00</p> <p>Year 2 Cost Estimate: \$13,846,393.00</p> <p>Year 3 Cost Estimate \$ 2,723,859.00</p> <p>Year 4 Cost Estimate: \$ 0.00</p> <p>Total Estimate \$17,074,862.00</p>		

MP-CDL CTD

000101

Noun: Funding Info Only
ACRN: AA \$4,461,085.00
Descriptive Data:
 Incremental Funding of CLIN 0001

0002

1
Lot

NSP
NSP

Noun: DATA
NSN: N - Not Applicable
DD1423 is Exhibit: A
Contract type: R - COST PLUS AWARD FEE
Inspection: DESTINATION
Acceptance: DESTINATION
FOB: DESTINATION
Descriptive Data:
 Data in accordance with Contract Data Requirement List, DD Form 1423, dated 17 June 2002 is hereby attached as Exhibits A and B. The price of this item is included in the price of CLIN 0001.

PART I - THE SCHEDULE
SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

ITEM	SUPPLIES OR SERVICES	Qty Purch Unit	Unit Price Total Item Amount
------	----------------------	-------------------	---------------------------------

0003		1 Lot	U U
------	--	----------	--------

Noun: AWARD FEE
NSN: N - Not Applicable
Contract type: R - COST PLUS AWARD FEE
Inspection: DESTINATION
Acceptance: DESTINATION
FOB: SOURCE

Descriptive Data:

The Contractor may earn Award Fee in the performance of CLINs 0001, 0002 and 0004 in accordance with the Award Fee Plan, Attachment 7, Section J of the basic contract. Each award fee payment will be set forth as infoCLINs to be established herein and in accordance with the evaluation period as set forth in The Award Fee Plan. Maximum Award Fee is \$1,396,347.00.

0004		1 Lot	EST \$783,348.00 EST \$783,348.00
------	--	----------	--------------------------------------

Noun: DEMONSTRATION AND TEST SUPPORT
ACRN: 9
NSN: N - Not Applicable
Contract type: R - COST PLUS AWARD FEE
Inspection: DESTINATION
Acceptance: DESTINATION
FOB: SOURCE

Descriptive Data:

The contractor shall provide demonstration and test support for the Concept Technology Development of the MP-CDL Systems in accordance with the Statement of Work for CTD MP-CDL dated 23 September 2002, Attachment 1, Section J, attached hereto.

I. NOTICE: The following contract clauses pertinent to this section are hereby incorporated by reference:

**AIR FORCE MATERIEL COMMAND FEDERAL ACQUISITION REGULATION SUPPLEMENT
CONTRACT CLAUSES**

5352.232-9001 IMPLEMENTATION OF LIMITATION OF FUNDS (AFMC) (JUL 1997)
Para (a), CLINS: 'CLIN 0001'
Para (a), Time Period ("through" date) : '30 SEP 2003'
Para (a), Sum allotted to this contract and available for payment of costs is '\$4,461,085.00'
Para (b), Additional amount obligated is 'TBD (Award Fee)'
Para (b), CLINS: 'CLIN 0001'

II. NOTICE: The following contract clauses pertinent to this section are hereby incorporated in full text:

OTHER CONTRACT CLAUSES IN FULL TEXT

B038 CONTRACT TYPE: COST-PLUS-AWARD-FEE (FEB 1997) (TAILORED)

Contractor shall be reimbursed for performance of this contract in accordance with the contract clauses and the following additional terms:

- (a) The total estimated cost of performance is 17,858,210.00.
- (b) The base fee is -0- (zero)
- (c) The maximum award fee is \$1,396,347.00.
- (d) The award fee earned for performance from inception of contract through each evaluation period is as set forth in the Award Fee Plan, Attachment 7, Section J of the contract.

NOTICE: The following contract clauses pertinent to this section are hereby incorporated in full text:

OTHER CONTRACT CLAUSES IN FULL TEXT

C002 REFERENCE TO SPECIFIC PARAGRAPHS OF THE STATEMENT OF WORK (MAY 1997)

Reference to specific paragraphs of the Statement of Work (SOW) indicates only where the CLIN/SubCLIN requirement is principally described and does not absolve the Contractor from the requirement to comply with the contractual provisions applicable to those CLINs/SubCLINs.

C003 INCORPORATED DOCUMENTS/REQUIREMENTS (APR 1998)

1. MP-CDL Contract Data Requirements List (CDRL), dated 17 June 2002
2. MP-CDL Statement of Work (SOW), dated 23 September 2002
3. Contract Security Classification Specification (DD254), dated 17 June 2002
4. MP-CDL System Specification, 8158140, dated 11 September 2002
5. Integrated Master Plan, dated 23 September 2002
6. Master Subcontract Plan, Small and Historically Underutilized Business Concerns, dated 6 September 2002.
7. MP-CDL CTD Phase Award Fee Plan, dated 24 June 2002.

NOTICE: The following contract clauses pertinent to this section are hereby incorporated by reference:

**AIR FORCE MATERIEL COMMAND FEDERAL ACQUISITION REGULATION SUPPLEMENT
CONTRACT CLAUSES**

5352.247-9009 MILITARY PACKAGING AND MARKING (AFMC) (DEC 2001)

I. NOTICE: The following contract clauses pertinent to this section are hereby incorporated by reference:

A. FEDERAL ACQUISITION REGULATION CONTRACT CLAUSES

52.246-03 INSPECTION OF SUPPLIES -- COST-REIMBURSEMENT (MAY 2001)

B. DEFENSE FEDERAL ACQUISITION REGULATION SUPPLEMENT CONTRACT CLAUSES

252.246-7000 MATERIAL INSPECTION AND RECEIVING REPORT (DEC 1991)

C. AIR FORCE MATERIEL COMMAND FEDERAL ACQUISITION REGULATION SUPPLEMENT CONTRACT CLAUSES

5352.246-9000 MATERIAL INSPECTION AND RECEIVING REPORT (OMB NO. 0704-0248) (AFMC)
(JUL 1997)

Para (a)(1), Address to Forward DD250 'TBD'

Para (a)(2), Address 'TBD'

Para (a)(3), Additional Address(es) or "Not Applicable" 'TBD'

II. NOTICE: The following contract clauses pertinent to this section are hereby incorporated in full text:

OTHER CONTRACT CLAUSES IN FULL TEXT

E001 REQUIREMENTS FOR DATA ACCEPTANCE (FINAL DD FORM 250) (MAY 1997)

The Contractor shall prepare and submit a final DD Form 250 on a one-time basis collectively accounting for all completed Exhibit Line/Subline Items which called for submission of the data by letter of transmittal. The DD Form 250 shall include a list and an account of all data submitted by letter of transmittal and approved by the Government during the reporting period.

PART I - THE SCHEDULE
SECTION F - DELIVERIES OR PERFORMANCE

ITEM	SUPPLIES SCHEDULE DATA	QTY	SHIP TO	MARK FOR	TRANS PRI	DATE
0001		1	06401	06401		30 Apr 2004
	Noun:	MULTI PLATFORM COMMON DATA LINK (MP-CDL)				
		CTD				
	ACRN:	9				
	Descriptive Data:					
	Design, build, verify, demonstrate and deliver the MP-CDL Systems in accordance with the CTD MP-CDL Statement of Work, Attachment 1, Section J, and Specification, Attachments 3, Section J.					
0002		1	U			ASREQ
	Noun:	DATA				
	Descriptive Data:					
	MP-CDL Data to be delivered in accordance with the attached CDRLs, Section J, hereto.					
0003		1	U			15 Mar 2005
	Noun:	AWARD FEE				
	Descriptive Data:					
	MP-CDL Award Fee in accordance with the Award Fee Plan, Section J, hereto.					
0004		1	06401	06401		31 Jan 2005
	Noun:	DEMONSTRATION AND TEST SUPPORT				
	ACRN:	9				

NOTICE: The following contract clauses pertinent to this section are hereby incorporated by reference:

A. FEDERAL ACQUISITION REGULATION CONTRACT CLAUSES

52.242-15 STOP-WORK ORDER (AUG 1989) - ALTERNATE I (APR 1984)
52.247-29 F.O.B. ORIGIN (JUN 1988)
52.247-65 F.O.B. ORIGIN, PREPAID FREIGHT -- SMALL PACKAGE SHIPMENTS (JAN 1991)

B. AIR FORCE MATERIEL COMMAND FEDERAL ACQUISITION REGULATION SUPPLEMENT CONTRACT CLAUSES

5352.247-9000 COMMERCIAL BILL OF LADING SHIPMENTS-CARRIER'S RATES (AFMC) (JUL 1997)
5352.247-9002 F.O.B. ORIGIN, TRANSPORTATION INSTRUCTIONS (AFMC) (JUL 1997)
Para (b)(1), Cognizant Transportation Officer 'Patrick Henry'
Para (b)(1), CTO area code/phone number '(303)220-4085'

PART I - THE SCHEDULE
SECTION G - CONTRACT ADMINISTRATION DATA

ACRN	Appropriation/Lmt Subhead/Supplemental Accounting Data	Obligation Amount
------	--	-------------------

AA		\$4,461,085.00
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57 23600 292 3620 674819 000000 000000 000000 503000 F03000

Funding breakdown: On CLIN 000101: \$4,461,085.00

PR/MIPR: GRAJS037200054 \$4,461,085.00

Descriptive data:

The fund cite appears as follows on the PR: 5723600 292 3620 674819 2AV020 000000 000000 35206F 503000 F03000.

PR is partial.

NOTICE: The following contract clauses pertinent to this section are hereby incorporated in full text:

A. AIR FORCE FEDERAL ACQUISITION REGULATION SUPPLEMENT CONTRACT CLAUSES IN FULL TEXT

5352.232-9000 REMITTANCE ADDRESS (MAY 1996)

If the remittance address is different from the mailing address, enter the remittance address below. Failure to provide this information may impact payment.

EFT Information:

L-3 Communications - Communication Systems West
Account No. 1054402
ABA No. 071000013

I. NOTICE: The following contract clauses pertinent to this section are hereby incorporated by reference:

FEDERAL ACQUISITION REGULATION CONTRACT CLAUSES

II. NOTICE: The following contract clauses pertinent to this section are hereby incorporated in full text:

OTHER CONTRACT CLAUSES IN FULL TEXT

G005 PAYMENT INSTRUCTIONS FOR MULTIPLE ACCOUNTING CLASSIFICATION CITATIONS (MAR 2001)

Payment for all effort under this contract should be made in the order and amounts shown in the informational subline item(s) in Section B, CLIN 0001 of the contract and recapped below. Exhaust the funds in each ACRN before using funds from the next listed ACRN.

ACRN	SUBCLIN NO.	TOTAL OBLIGATED
AA	CLIN 0001	\$4,461,085.00

a. This contract will be funded by multiple accounting classification citations. Payment shall be made from ACRNs in alphabetical order (AA,AB,etc). DO NOT USE A PRORATED METHOD to pay, disburse and liquidate funds. Do not liquidate any funds from an ACRN unless the preceding ACRNs have been fully liquidated, or if revised payment instructions are provided per paragraph b. below.

b. Additional ACRNs will be assigned when new accounting classifications are available. When adding new ACRNs or changing existing ACRNs, the above payment instructions shall apply, unless specific revised payments instructions are provided as part of a contract modification.

G006 INVOICE AND PAYMENT - COST REIMBURSEMENT (FEB 1997)

Invoices (or public vouchers), supported by a statement of cost for performance under this contract, shall be submitted to the cognizant Defense Contract Audit Agency (DCAA) office. Under the provisions of DFARS

242.803(b), the DCAA auditor, is designated as the authorized representative of the contracting officer (CO) for examining vouchers received directly from the contractor.

G014 IMPLEMENTATION OF PATENT RIGHTS CLAUSE (SEP 1999)

All documents and information required by the patent rights and/or patent reporting clauses set forth in Section I of this contract shall be submitted to the Administrative Contracting Officer and to AFMC LO/JAZ; Bldg 11; 2240 B Street, Rm.100; Wright-Patterson AFB OH 45433-7109

The AFMC LO/JAZ patent administrator can be reached at (937) 255-5055

This notice also constitutes a request (see FAR 52.227-12(f)(10) or DFARS 252.227-7039(c), as applicable) for submission of a copy of the patent application, when filed, along with the patent application serial number, filing date, subsequent U.S. patent number and issue date, as received.

NOTICE: The following contract clauses pertinent to this section are hereby incorporated in full text:

OTHER CONTRACT CLAUSES IN FULL TEXT

H006 MITRE: INTERMITTENT TECHNICAL REVIEW (MAY 1997)

(a) The Government has contracted with the MITRE Corporation for the services of a technical group which, under the program management of the Electronic System Center, from time to time may request MITRE review of efforts under this contract.

(b) Explanation of MITRE role.

(1) Intermittent Technical Review is defined as the process of reviewing the effort and/or products of Contractors when specifically requested by ESC. It does not include any modification, realignment, or redirection of Contractor efforts under this contract; such action may be effected only by the prior written direction of the Contracting Officer.

(2) The MITRE Corporation has agreed not to engage in the manufacture or the production of hardware or software, to refrain from disclosing proprietary information to unauthorized personnel, and not to compete with any profit-seeking concern.

(c) The Contractor agrees to cooperate with the MITRE Corporation by engaging in technical discussion with MITRE personnel, and permitting MITRE personnel access to information and data relating to technical matters (including cost and schedule) concerning this contract to the same degree such access is accorded Government project personnel.

(d) It is expressly understood that the operation of this clause will not be the basis for an equitable adjustment. Modifications, realignment, or redirection of the Contractor's technical efforts and/or contract requirements shall be effected only by the written direction of the Contracting Officer.

H025 INCORPORATION OF SECTION K (OCT 1998)

Section K of the solicitation is hereby incorporated by reference.

H029 IMPLEMENTATION OF DISCLOSURE OF INFORMATION (OCT 1997)

In order to comply with DFARS 252.204-7000, Disclosure of Information, the following copies of the information to be released are required at least 45 days prior to the scheduled release date:

(a) 2 copy(ies) to: Office of Public Affairs, ASC/PA, Wright Patterson AFB, OH 45433

(b) 2 copy(ies) to: Contracting Officer, ASC/RAKP, Wright-Patterson AFB OH 45433

(c) 2 copy(ies) to: Program Manager, RAJD, Wright-Patterson AFB, OH 45433.

H033 SOLICITATION NUMBER (APR 1998) (TAILORED)

Solicitation Number: F33657-02-R-5411.

H100 GOVERNMENT FURNISHED PROPERTY AND EQUIPMENT (APR 2002)

GOVERNMENT FURNISHED PROPERTY AND EQUIPMENT (APR 2002)

The Government shall furnish to the Contractor for use in the performance of this contract the property set forth below in accordance with the requirements of the "Government Property" clause, SECTION I hereof.

(See Attachment 6 of Section J hereof.)

HI01 TOTAL SYSTEM PERFORMANCE RESPONSIBILITY (APR 2002)

1. By executing this contract, the contractor agrees to assume Total System Performance Responsibility (TSPR) for the Multi-Platform Common Data Link (MP-CDL) system in accordance with the terms of this contract. The contractor shall be fully responsible for the integration of all MP-CDL subsystems and components whether GFP or contractor acquired, and hereby agrees that any and all required inspection and acceptance test procedures are accomplished and sufficient to meet specifications. The contractor agrees that the system(s) to be delivered under this contract shall meet the specification and statement of work performance requirements. The contractor's responsibilities for TSPR also include, but are not limited to, the following:

a. The contractor shall manage and implement all program management requirements as set forth in the Statement of Work (SOW), Attachment 1 to this contract. This includes management of program elements, including those performed by subcontractors and coordination with associate contractors.

b. The contractor shall perform configuration management, data management, and quality assurance for the MP-CDL as defined in the SOW, Attachment 1 to this contract. The contractor shall also coordinate configuration management, data management, and quality assurance with the associate contractors.

2. The contractor shall be responsible for the incorporation of Government Furnished Property (GFP), Attachment 6 of the contract, into the MP-CDL system. The contractor agrees that such incorporation of GFP as forth in FAR clause 52.245-5, the SOW, Attachment 1 to this contract, and the specification, Attachment 3 to the contract, does not provide relief from this TSPR clause. In addition, if the contractor does not concur in the design or performance characteristics, inspection and acceptance procedures, or changes to the design or performance characteristics of the GFP, the contractor agrees to provide the Government (within forty five (45) days of notification of non-concurrence) the impact on cost, schedule and performance of this contract, in accordance with the Government Furnished Property Clause. The contractor shall also provide recommended solutions and courses of action needed to correct deficiencies. Failure of the contractor to notify the Government within the established time, as required by this clause, shall be considered as contractor concurrence and shall relieve the Government from any claims, for late or defective GFP, being submitted by the contractor at a later date which would require an equitable adjustment.

3. The Government and Contractor agree that this contract is for the delivery of a complete working system and not for the delivery of individual components. The acceptance of systems and/or components of systems does not diminish the contractor's responsibility for meeting the performance requirements set forth in Attachment 1 to this contract.

4. Regardless of the Changes clause or any other clause of this contract, no specification changes proposed by the contractor to achieve the requirements set forth in Attachment 1, "Statement of Work," and Attachment 3, Specification, shall entitle the Contractor to an equitable adjustment, in the estimated cost as set forth in Section B, or to any extensions in the delivery schedule established in Section F.

5. The rights and remedies of the Government under this clause are in addition to any other rights and remedies provided by law or under this contract.

Contract Clauses in this section are from the FAR, Defense FAR Sup, Air Force FAR Sup, and the Air Force Materiel Command FAR Sup, and are current through the following updates:

Database Version: 5.2.x.000; Issued: 10/24/02; Clauses: ; FAR: FAC 2001-09; DFAR: DCN20021001; DL: DL 98-021; Class Deviations: CD 2002o0003; AFFAR: 2002 Edition; AFMCFAR: 2002 Edition; AFAC: AFAC 96-5; IPN: 98-009

L. NOTICE: The following contract clauses pertinent to this section are hereby incorporated by reference:

A. FEDERAL ACQUISITION REGULATION CONTRACT CLAUSES

52.202-01	DEFINITIONS (DEC 2001)
52.203-03	GRATUITIES (APR 1984)
52.203-05	COVENANT AGAINST CONTINGENT FEES (APR 1984)
52.203-06	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT (JUL 1995)
52.203-07	ANTI-KICKBACK PROCEDURES (JUL 1995)
52.203-08	CANCELLATION, RESCISSION, AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY (JAN 1997)
52.203-10	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY (JAN 1997)
52.203-12	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS (JUN 1997)
52.204-02	SECURITY REQUIREMENTS (AUG 1996)
52.204-04	PRINTED OR COPIED DOUBLE-SIDED ON RECYCLED PAPER (AUG 2000)
52.209-06	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT (JUL 1995)
52.211-05	MATERIAL REQUIREMENTS (AUG 2000)
52.211-15	DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS (SEP 1990)
52.215-02	AUDIT AND RECORDS -- NEGOTIATION (JUN 1999)
52.215-08	ORDER OF PRECEDENCE--UNIFORM CONTRACT FORMAT (OCT 1997)
52.215-11	PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA--MODIFICATIONS (OCT 1997)
52.215-13	SUBCONTRACTOR COST OR PRICING DATA--MODIFICATIONS (OCT 1997)
52.215-14	INTEGRITY OF UNIT PRICES (OCT 1997)
52.215-14	INTEGRITY OF UNIT PRICES (OCT 1997) - ALTERNATE I (OCT 1997)
52.215-21	REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA--MODIFICATIONS (OCT 1997)
52.215-21	REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA--MODIFICATIONS (OCT 1997) - ALTERNATE II (OCT 1997)
52.215-21	REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA--MODIFICATIONS (OCT 1997) - ALTERNATE III (OCT 1997) Alt III, Para (c), Submit the cost portion of the proposal via the following electronic media: '3.5 Floppy Disk or CD'
52.215-21	REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA--MODIFICATIONS (OCT 1997) - ALTERNATE IV (OCT 1997) Alt IV, (a), Description of the information and the format that are required: "?????"
52.216-07	ALLOWABLE COST AND PAYMENT (FEB 2002)
52.219-08	UTILIZATION OF SMALL BUSINESS CONCERNS (OCT 2000)
52.219-09	SMALL BUSINESS SUBCONTRACTING PLAN (JAN 2002) - ALTERNATE II (OCT 2001)
52.219-16	LIQUIDATED DAMAGES -- SUBCONTRACTING PLAN (JAN 1999)
52.222-02	PAYMENT FOR OVERTIME PREMIUMS (JUL 1990) Para (a), Dollar amount is 'zero'

52.222-03	CONVICT LABOR (AUG 1996)
52.222-19	CHILD LABOR--COOPERATION WITH AUTHORITIES AND REMEDIES (DEC 2001)
52.222-20	WALSH-HEALEY PUBLIC CONTRACTS ACT (DEC 1996)
52.222-21	PROHIBITION OF SEGREGATED FACILITIES (FEB 1999)
52.222-26	EQUAL OPPORTUNITY (APR 2002)
52.222-35	EQUAL OPPORTUNITY FOR SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS (DEC 2001)
52.222-36	AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES (JUN 1998)
52.222-37	EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS (DEC 2001)
52.223-06	DRUG-FREE WORKPLACE (MAY 2001)
52.223-14	TOXIC CHEMICAL RELEASE REPORTING (OCT 2000)
52.225-08	DUTY-FREE ENTRY (FEB 2000)
52.225-13	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES (JUL 2000)
52.227-01	AUTHORIZATION AND CONSENT (JUL 1995)
52.227-02	NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT (AUG 1996)
52.227-12	PATENT RIGHTS -- RETENTION BY THE CONTRACTOR (LONG FORM) (JAN 1997) para (l), insert agency instructions for communications 'see Section G, clause G014.'
52.228-07	INSURANCE -- LIABILITY TO THIRD PERSONS (MAR 1996)
52.230-02	COST ACCOUNTING STANDARDS (APR 1998)
52.230-06	ADMINISTRATION OF COST ACCOUNTING STANDARDS (NOV 1999)
52.232-17	INTEREST (JUN 1996)
52.232-22	LIMITATION OF FUNDS (APR 1984)
52.232-23	ASSIGNMENT OF CLAIMS (JAN 1986)
52.232-23	ASSIGNMENT OF CLAIMS (JAN 1986) - ALTERNATE I (APR 1984)
52.232-25	PROMPT PAYMENT (FEB 2002)
52.232-33	PAYMENT BY ELECTRONIC FUNDS TRANSFER--CENTRAL CONTRACTOR REGISTRATION (MAY 1999)
52.233-01	DISPUTES (JUL 2002)
52.233-01	DISPUTES (JUL 2002) - ALTERNATE I (DEC 1991)
52.233-03	PROTEST AFTER AWARD (AUG 1996) - ALTERNATE I (JUN 1985)
52.234-01	INDUSTRIAL RESOURCES DEVELOPED UNDER DEFENSE PRODUCTION ACT TITLE III (DEC 1994)
52.242-01	NOTICE OF INTENT TO DISALLOW COSTS (APR 1984)
52.242-03	PENALTIES FOR UNALLOWABLE COSTS (MAY 2001)
52.242-04	CERTIFICATION OF FINAL INDIRECT COSTS (JAN 1997)
52.242-13	BANKRUPTCY (JUL 1995)
52.243-02	CHANGES -- COST-REIMBURSEMENT (AUG 1987)
52.243-07	NOTIFICATION OF CHANGES (APR 1984) Para (b), Number of calendar days is '30 days' Para (d), Number of calendar days is '30 days'
52.244-02	SUBCONTRACTS (AUG 1998) - ALTERNATE I (AUG 1998) Para (e), Contractor shall obtain the Contracting Officer's written consent before placing the following subcontracts: 'not applicable' Para (k), the following subcontracts which were evaluated during negotiations: 'not applicable'
52.244-05	COMPETITION IN SUBCONTRACTING (DEC 1996)
52.244-06	SUBCONTRACTS FOR COMMERCIAL ITEMS (MAY 2002)
52.245-05	GOVERNMENT PROPERTY (COST-REIMBURSEMENT, TIME-AND-MATERIAL, OR LABOR-HOUR CONTRACTS) (DEVIATION) (JAN 1986)
52.245-18	SPECIAL TEST EQUIPMENT (FEB 1993)
52.246-24	LIMITATION OF LIABILITY -- HIGH-VALUE ITEMS (FEB 1997)
52.247-01	COMMERCIAL BILL OF LADING NOTATIONS (APR 1984)
52.249-06	TERMINATION (COST-REIMBURSEMENT) (SEP 1996)
52.249-14	EXCUSABLE DELAYS (APR 1984)
52.253-01	COMPUTER GENERATED FORMS (JAN 1991)

B. DEFENSE FEDERAL ACQUISITION REGULATION SUPPLEMENT CONTRACT CLAUSES

252.203-7001	PROHIBITION ON PERSONS CONVICTED OF FRAUD OR OTHER DEFENSE- CONTRACT-RELATED FELONIES (MAR 1999)
252.203-7002	DISPLAY OF DOD HOTLINE POSTER (DEC 1991)
252.204-7000	DISCLOSURE OF INFORMATION (DEC 1991)
252.204-7003	CONTROL OF GOVERNMENT PERSONNEL WORK PRODUCT (APR 1992)
252.204-7004	REQUIRED CENTRAL CONTRACTOR REGISTRATION (NOV 2001)
252.205-7000	PROVISION OF INFORMATION TO COOPERATIVE AGREEMENT HOLDERS (DEC 1991)
252.208-7000	INTENT TO FURNISH PRECIOUS METALS AS GOVERNMENT- FURNISHED MATERIAL (DEC 1991) Para (b), Precious Metal, Quantity, Deliverable Item (NSN and Nomenclature): 'none'
252.209-7000	ACQUISITION FROM SUBCONTRACTORS SUBJECT TO ON-SITE INSPECTION UNDER THE INTERMEDIATE-RANGE NUCLEAR FORCES (INF) TREATY (NOV 1995)
252.209-7004	SUBCONTRACTING WITH FIRMS THAT ARE OWNED OR CONTROLLED BY THE GOVERNMENT OF A TERRORIST COUNTRY (MAR 1998)
252.211-7000	ACQUISITION STREAMLINING (DEC 1991)
252.215-7000	PRICING ADJUSTMENTS (DEC 1991)
252.215-7002	COST ESTIMATING SYSTEM REQUIREMENTS (OCT 1998)
252.219-7003	SMALL, SMALL DISADVANTAGED AND WOMEN-OWNED SMALL BUSINESS SUBCONTRACTING PLAN (DOD CONTRACTS) (APR 1996)
252.219-7004	SMALL, SMALL DISADVANTAGED AND WOMEN-OWNED SMALL BUSINESS SUBCONTRACTING PLAN (TEST PROGRAM) (JUN 1997)
252.223-7004	DRUG-FREE WORK FORCE (SEP 1988)
252.225-7001	BUY AMERICAN ACT AND BALANCE OF PAYMENTS PROGRAM (MAR 1998)
252.225-7002	QUALIFYING COUNTRY SOURCES AS SUBCONTRACTORS (DEC 1991)
252.225-7009	DUTY-FREE ENTRY--QUALIFYING COUNTRY SUPPLIES (END PRODUCTS AND COMPONENTS) (AUG 2000)
252.225-7012	PREFERENCE FOR CERTAIN DOMESTIC COMMODITIES (APR 2002)
252.225-7016	RESTRICTION ON ACQUISITION OF BALL AND ROLLER BEARINGS (DEC 2000)
252.225-7016	RESTRICTION ON ACQUISITION OF BALL AND ROLLER BEARINGS (DEC 2000) - ALTERNATE I (DEC 2000)
252.225-7026	REPORTING OF CONTRACT PERFORMANCE OUTSIDE THE UNITED STATES (JUN 2000)
252.225-7031	SECONDARY ARAB BOYCOTT OF ISRAEL (JUN 1992)
252.226-7001	UTILIZATION OF INDIAN ORGANIZATIONS AND INDIAN-OWNED ECONOMIC ENTERPRISES-DOD CONTRACTS (SEP 2001)
252.227-7013	RIGHTS IN TECHNICAL DATA--NONCOMMERCIAL ITEMS (NOV 1995)
252.227-7014	RIGHTS IN NONCOMMERCIAL COMPUTER SOFTWARE AND NONCOMMERCIAL COMPUTER SOFTWARE DOCUMENTATION (JUN 1995)
252.227-7016	RIGHTS IN BID OR PROPOSAL INFORMATION (JUN 1995)
252.227-7019	VALIDATION OF ASSERTED RESTRICTIONS--COMPUTER SOFTWARE (JUN 1995)
252.227-7025	LIMITATIONS ON THE USE OR DISCLOSURE OF GOVERNMENT-FURNISHED INFORMATION MARKED WITH RESTRICTIVE LEGENDS (JUN 1995)
252.227-7030	TECHNICAL DATA--WITHHOLDING OF PAYMENT (MAR 2000)
252.227-7036	DECLARATION OF TECHNICAL DATA CONFORMITY (JAN 1997)
252.227-7037	VALIDATION OF RESTRICTIVE MARKINGS ON TECHNICAL DATA (SEP 1999)
252.228-7002	AIRCRAFT FLIGHT RISK (SEP 1996)
252.231-7000	SUPPLEMENTAL COST PRINCIPLES (DEC 1991)
252.234-7001	EARNED VALUE MANAGEMENT SYSTEM (MAR 1998) Para (f), Subcontractors selected for application of EVMS: 'none'
252.235-7003	FREQUENCY AUTHORIZATION (DEC 1991) - ALTERNATE I (DEC 1991)
252.242-7000	POSTAWARD CONFERENCE (DEC 1991)
252.242-7004	MATERIAL MANAGEMENT AND ACCOUNTING SYSTEM (DEC 2000)
252.242-7005	COST/SCHEDULE STATUS REPORT (MAR 1998)

PART II - CONTRACT CLAUSES
SECTION I - CONTRACT CLAUSES

- 252.243-7002 REQUESTS FOR EQUITABLE ADJUSTMENT (MAR 1998)
252.244-7000 SUBCONTRACTS FOR COMMERCIAL ITEMS AND COMMERCIAL COMPONENTS (DOD CONTRACTS) (MAR 2000)
252.245-7001 REPORTS OF GOVERNMENT PROPERTY (MAY 1994)
252.247-7023 TRANSPORTATION OF SUPPLIES BY SEA (MAY 2002)

C. AIR FORCE FEDERAL ACQUISITION REGULATION SUPPLEMENT CONTRACT CLAUSES

- 5352.223-9000 ELIMINATION OF USE OF CLASS I OZONE DEPLETING SUBSTANCES (ODS) (MAY 1996)
Para (d), Substances are 'none'

D. AIR FORCE MATERIEL COMMAND FEDERAL ACQUISITION REGULATION SUPPLEMENT CONTRACT CLAUSES

- 5352.228-9001 INSURANCE CLAUSE IMPLEMENTATION (AFMC) (JUL 1997)
5352.235-9003 APPLICATION FOR EQUIPMENT FREQUENCY AUTHORIZATION (AFMC) (JUL 1997)
5352.243-9001 ADVANCE CHANGE ADJUSTMENT AGREEMENTS (AFMC) (APR 2001)
Para (a), Dollar Amount 'TBD'
Para (a), Dollar Amount 'TBD'
5352.243-9002 NOT-TO-EXCEED/NOT-LESS-THAN AGREEMENTS (AFMC) (APR 2001) - ALTERNATE IV (JUL 1997) - AF clause 52.214-23 Each applicable
5352.245-9000 GOVERNMENT- FURNISHED PROPERTY (GFP) (AFMC) (JUL 1997)
FOB Site 'origin or destination as appropriate'
List of Government Property by Item Number, NSN, Noun, Part Number, Quantity and Delivery Date 'See Section J, Attachment 6'
5352.245-9001 GOVERNMENT- FURNISHED PROPERTY/CONTRACTOR REQUISITIONING (AFMC) (JUL 1997)
List Government Furnished Property by Item Number, NSN, Noun, Part Number and Quantity 'See Section J, Attachment 6'
5352.245-9002 MAINTENANCE OF GOVERNMENT- FURNISHED PROPERTY (AFMC) (JUL 1997)
Para (a), Items of GFP to be maintained by the contractor: 'See Section J, Attachment 6'
Para (b), Date MILSTRIP Authorization Terminates '____ (insert date)'
Para (c), Project Code '____ (insert code)'
Para (c), Advice Code '____ (insert code)'
Para (c), Signal Code '____ (insert code)'
Para (c), Fund Code '____ (insert code)'
5352.245-9003 DISPOSITION OF RESIDUAL GOVERNMENT PROPERTY (AFMC) (JUL 1997)
Line Item(s): '?????'
List Components by Noun, NSN, Part Number and Minimum Lot Size '?????'
Line Item(s): '?????'
Line Item(s): '?????'

II. NOTICE: The following contract clauses pertinent to this section are hereby incorporated in full text:

A. FEDERAL ACQUISITION REGULATION CONTRACT CLAUSES IN FULL TEXT

52.219-04 NOTICE OF PRICE EVALUATION PREFERENCE FOR HUBZONE SMALL BUSINESS CONCERNS (JAN 1999)

(a) Definition. HUBZone small business concern, as used in this clause, means a small business concern that appears on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration.

(b) Evaluation preference. (1) Offers will be evaluated by adding a factor of 10 percent to the price of all offers, except--

preference; (i) Offers from HUBZone small business concerns that have not waived the evaluation

(ii) Otherwise successful offers from small business concerns;

(iii) Otherwise successful offers of eligible products under the Trade Agreements Act when the dollar threshold for application of the Act is exceeded (see 25.402 of the Federal Acquisition Regulation (FAR)); and

(iv) Otherwise successful offers where application of the factor would be inconsistent with a Memorandum of Understanding or other international agreement with a foreign government.

(2) The factor of 10 percent shall be applied on a line item basis or to any group of items on which award may be made. Other evaluation factors described in the solicitation shall be applied before application of the factor.

(3) A concern that is both a HUBZone small business concern and a small disadvantaged business concern will receive the benefit of both the HUBZone small business price evaluation preference and the small disadvantaged business price evaluation adjustment (see FAR clause 52.219-23). Each applicable price evaluation preference or adjustment shall be calculated independently against an offeror's base offer. These individual preference amounts shall be added together to arrive at the total evaluated price for that offer.

(c) Waiver of evaluation preference. A HUBZone small business concern may elect to waive the evaluation preference, in which case the factor will be added to its offer for evaluation purposes. The agreements in paragraph (d) of this clause do not apply if the offeror has waived the evaluation preference.

[] Offeror elects to waive the evaluation preference.

(d) Agreement. A HUBZone small business concern agrees that in the performance of the contract, in the case of a contract for

(1) Services (except construction), at least 50 percent of the cost of personnel for contract performance will be spent for employees of the concern or employees of other HUBZone small business concerns;

(2) Supplies (other than procurement from a nonmanufacturer of such supplies), at least 50 percent of the cost of manufacturing, excluding the cost of materials, will be performed by the concern or other HUBZone small business concerns;

(3) General construction, at least 15 percent of the cost of the contract performance incurred for personnel will be spent on the concern's employees or the employees of other HUBZone small business concerns; or

(4) Construction by special trade contractors, at least 25 percent of the cost of the contract performance incurred for personnel will be spent on the concern's employees or the employees of other HUBZone small business concerns.

(e) A HUBZone joint venture agrees that in the performance of the contract, the applicable percentage specified in paragraph (d) of this clause will be performed by the HUBZone small business participant or participants.

(f) A HUBZone small business concern nonmanufacturer agrees to furnish in performing this contract only end items manufactured or produced by HUBZone small business manufacturer concerns. This paragraph does not apply in connection with construction or service contracts.

52.252-02 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es): <http://farsite.hill.af.mil/>

52.252-06 AUTHORIZED DEVIATIONS IN CLAUSES (APR 1984)

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the date of the clause.

(b) The use in this solicitation or contract of any Defense Federal Acquisition Regulation Supplement (48 CFR Chapter 2) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

B. AIR FORCE MATERIEL COMMAND FEDERAL ACQUISITION REGULATION SUPPLEMENT CONTRACT CLAUSES IN FULL TEXT

5352.216-9003 AWARD FEE (AFMC) (JUL 1997)

(a) In addition to the profit/fee set forth elsewhere in the contract, the Contractor may earn a total award fee amount of up to \$1,396,347.00 on the basis of performance during the evaluation periods.

(b) Monitoring of Performance. The Contractor's performance will be continually monitored by the performance monitors whose findings are reported to the Award Fee Review Board (AFRB). The AFRB recommends an award fee to the Fee Determining Official (FDO) who makes the final decision of the award fee amount paid based on the Contractor's performance during the award fee evaluation period.

(c) Award Fee Plan. The evaluation criteria and associated grades are specified in the award fee plan. The evaluation periods with the associated award fee pool amounts and performance criteria with associated percentages of available award fee are also specified in the award fee plan. Upon contract award, the Contractor will be provided the FDO-approved award fee plan.

(d) Modification of Award Fee Plan. Unilateral changes may be made to the award fee plan if the Contractor is provided written notification by the Contracting Officer before the start of the upcoming evaluation period. Changes affecting the current evaluation period must be by bilateral agreement.

(e) Self-Evaluation. The Contractor may submit to the Contracting Officer, within five (5) working days after the end of each award fee evaluation period, a brief written self-evaluation of its performance for that period. This self-evaluation shall not exceed five (5) pages. This self-evaluation will be used in the AFRB's evaluation of the Contractor's performance during this period.

(f) Determination and Methodology. The determination and methodology for determining the award-fee amount are unilateral decisions made solely at the discretion of the Government.

(g) Award Fee Payment.

(1) Award fee is not subject to the allowable cost, and payment or termination clauses of this contract.

(2) The Contractor may bill for the award fee immediately upon receipt of the Contracting Officer's authorization for payment of the earned award fee amount.

5352.217-9010 ASSOCIATE CONTRACTOR AGREEMENTS (AFMC) (JUL 1997) (TAILORED)

(a) The Contractor shall enter into Associate Contractor Agreements (ACA) for any portion of the contract requiring joint participation in the accomplishment of the Government's requirement. The agreements shall include the basis for sharing information, data, technical knowledge, expertise, and/or resources essential to the integration of the Multi-Platform Common Data Link (MP-CDL) (insert name of the program or project) which shall ensure the greatest degree of cooperation for the development of the program to meet the terms of the contract. Associate Contractors are listed in (h) below.

(b) ACAs shall include the following general information:

- (1) Identify the associate contractors and their relationships.
- (2) Identify the program involved and the relevant Government contracts of the associate Contractors.
- (3) Describe the associate contractor interfaces by general subject matter.
- (4) Specify the categories of information to be exchanged or support to be provided.
- (5) Include the expiration date (or event) of the ACA.
- (6) Identify potential conflicts between relevant Government contracts and the ACA; include agreements on protection of proprietary data and restrictions on employees.

(c) A copy of such agreement shall be provided to the Contracting Officer for review before execution of the document by the cooperating contractors.

(d) Nothing in the foregoing shall affect compliance with the requirements of the clause at 5352.209-9002, Organizational Conflict of Interest.

(e) The Contractor is not relieved of any contract requirements or entitled to any adjustments to the contract terms because of a failure to resolve a disagreement with an associate contractor.

(f) Liability for the improper disclosure of any proprietary data contained in or referenced by any agreement shall rest with the parties to the agreement, and not the Government.

(g) All costs associated with the agreements are included in the negotiated cost of this contract. Agreements may be amended as required by the Government during the performance of this contract.

(h) Contractors with the following program platforms are associate contractors with whom agreements are required:

PROGRAM
MP-RTIP/MC2A, JSTARS, Global Hawk, and DCGS-A.

5352.219-9000 INCORPORATION OF SUBCONTRACTING PLAN (AFMC) (JUL 1997) (TAILORED)

In accordance with FAR 52.219-9, Small Business Subcontracting Plan, the subcontracting plan contained in Master Subcontract Plan, Small and Historically Underutilized Business Concerns approved 9 Mar 2001 and Subcontract Plan #416 dated 6 Sep 2002 are incorporated herein as an Attachment 6 to Section J. The small business goal is 45%. The veteran-owned small business goal is 3%. The service-disabled veteran-owned small business goal is 3%. The HUBzone small business goal is 3%. The small disadvantaged business goal is 5%. The women-owned small business goal is 6%.

PART III - LIST OF DOCUMENTS, EXHIBITS & ATTACHMENTS
SECTION J - LIST OF ATTACHMENTS

DOCUMENT	PGS	DATE	TITLE
EXHIBIT A	17	17 JUN 2002	CONTRACT DATA REQUIREMENTS LIST (CDRLS)
EXHIBIT B	4	17 JUN 2002	CONTRACT DATA REQUIREMENTS LIST (CDRLS)
ATTACHMENT 1	72	23 SEP 2002	STATEMENT OF WORK
ATTACHMENT 2	5	17 JUN 2002	DD FORM 254 - CONTRACT SECURITY CLASSIFICATION

[REDACTED]

[REDACTED]

ATTACHMENT 5	12	06 SEP 2002	SUBCONTRACTING PLAN FOR SMALL BUSINESS AND SMALL DISADVANTAGED BUSINESS CONCERNS (MASTER PLAN DATED 9 MAR 02/SUBCONTRACT PLAN #416 DATED 6 SEP 2002;
ATTACHMENT 6	3	23 SEP 2002	GOVERNMENT FURNISHED PROPERTY AND EQUIPMENT
ATTACHMENT 7	18	24 JUN 2002	AWARD FEE PLAN

Proposal for the Multi Platform-Common Data Link (MP-CDL) Concept Technology Development (CTD)

Contract Data Requirements Lists (CDRL) **(click on hyperlink to access file)**

In Response to:

RFP #F33657-02-R-5411

ASC/AE

For: John G. Meyer, MP-CDL Program

1755 11th St Bld 570 Rm 113

Wright Patterson AFB, OH 45433-7404

PREPARED BY:

**L-3 Communications
Communication Systems – West
640 N. 2200 West
P.O. Box 16850
Salt Lake City, UT 84116-0850**

23 September 2002

Technical Point of Contact:

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email: vaughn.l.mower@L-3com.com

Contractual Point of Contact:

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640 N. 2200 West

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Salt Lake City, UT 84116-0850

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Fax: 801 594-2004

email: alan.d.matthys@L-3com.com

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A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER		
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR		
1. DATA ITEM NO. A001	2. TITLE OF DATA ITEM Conference Minutes			3. SUBTITLE		
4. AUTHORITY (Data Acquisition Document No.) DI-ADMN-81250A		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION Bik 16	14. DISTRIBUTION		
8. APP CODE		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION Bik 16	a. ADDRESSEE	b. COPIES	
16. REMARKS Bik 4: Contractor format acceptable. Bik 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred to ASC/RAJD, Wright-Patterson AFB OH 45433. Biks 10, 12 & 13: Minutes shall be provided 5 working days after the meeting. Minutes shall include presentation material presented. Minutes are required for IMP meeting events only (i.e. SRR, TRR, PDR, CDR, etc.) Bik 14: Documents shall be provided via electronic media utilizing standard Microsoft Office applications. ASC/RAJ 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil				Final		
				Draft	Rug	Repro
				ASC/RAJD	1	
				15. TOTAL →		
G. PREPARED BY Elizabeth Blanton, Data Manager ASC/RAJ 937-255-4428		H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD 937-255-4523		
				J. DATE 17 Jun 2002		

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)

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OMB No. 0704-0188

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D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR	
1. DATA ITEM NO. A002	2. TITLE OF DATA ITEM Engineering Change Proposal			3. SUBTITLE	
4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80639C		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION	
8. APP CODE A		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION SEE BLK 16	b. COPIES	
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				ASC/RAJD	
				15. TOTAL →	
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A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP		TM		OTHER	
D. SYSTEM/ITEM MP-CDL			E. CONTRACT/PR NO. F33657-02-C-5411			F. CONTRACTOR			
1. DATA ITEM NO. A004		2. TITLE OF DATA ITEM Software Development Plan (SDP)				3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81427A			5. CONTRACT REFERENCE SOW para			6. REQUIRING OFFICE ASC/RAJD			
7. DD 250 REQ LT		9. DIST STATEMENT REQUIRED C		10. FREQUENCY		12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION	
8. APP CODE A				11. AS OF DATE		13. DATE SUBSEQUENT SUBMISSION SEE BLK 16		a. ADDRESSEE	
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G. PREPARED BY Beth Blanton, Data Manager SC/RAJ 937-255-4428				H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD 937-255-4523			
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CONTRACT DATA REQUIREMENTS LIST

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A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER	
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR	
1. DATA ITEM NO. A005	2. TITLE OF DATA ITEM Software Requirements Specification (SRS)			3. SUBTITLE	
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81433A		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY Blk 16	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION b. COPIES	
8. APP CODE N		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION SEE BLK 16	a. ADDRESSEE	Final Draft Reg Reps
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				15. TOTAL →	

G. PREPARED BY
Beth Blanton, Data Manager
ASC/RAJ, 937-255-4428

H. DATE
17 Jun 2002

I. APPROVED BY
Mary Sherman, Program Manager
ASC/RAJD, 937-255-4523

J. DATE
17 Jun 2002

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D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR			
1. DATA ITEM NO. A006	2. TITLE OF DATA ITEM Software Test Plan (STP)			3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81438A		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY Bik 16	12. DATE OF FIRST SUBMISSION Bik 16		14. DISTRIBUTION a. ADDRESSEE b. COPIES Draft Reg Final Repro		
8. APP CODE A		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION Bik 16				
16. REMARKS Bik 4: Contractor format acceptable. Bik 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred to ASC/RAJD, Wright-Patterson AFB OH 45433. Bik 10, 12 & 13: Draft document is due 60 days prior to start of testing. The final document is due 15 days after receipt of Government comments. Updates as required. Bik 14: Documents shall be provided via electronic media utilizing standard Microsoft Office applications. ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil				ASC/RAJD		1	
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A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER	
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR	
1. DATA ITEM NO. A007	2. TITLE OF DATA ITEM Software Test Reports (STR)			3. SUBTITLE	
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81440A		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY Blk 16	12. DATE OF FIRST SUBMISSION Blk 16		14. DISTRIBUTION a. ADDRESSEE b. COPIES Draft Final Reg Repr
8. APP CODE N		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION Blk 16		
16. REMARKS Blk 4: Contractor format acceptable. Test Procedures shall be written at the CSCI level, or IAW the contractor SDP. Blk 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred to ASC/RAJD, Wright-Patterson AFB OH 45433. Blks 10, 12 & 13: Reports due 20 working days after testing. Blk 14: Documents shall be provided via electronic media utilizing standard Microsoft Office applications. ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil					
15. TOTAL → 1					
G. PREPARED BY Beth Blanton, Data Manager ASC/RAJ, 937-255-4428		H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523	
J. DATE 17 Jun 2002					

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188		
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A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER				
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411			F. CONTRACTOR			
1. DATA ITEM NO. A008	2. TITLE OF DATA ITEM Contract Work Breakdown Structure			3. SUBTITLE				
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-81334		5. CONTRACT REFERENCE SOW para			6. REQUIRING OFFICE ASC/RAJD			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION			
8. APP CODE A		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION SEE BLK 16		a. ADDRESSEE		b. COPIES	
16. REMARKS							Final	
					Draft		Reg Repr	
<p>Blk 4: Contractor format acceptable. Approval required on first submittal and for any changes.</p> <p>Blk 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred To ASC/RAJD, Wright-Patterson AFB OH 45433.</p> <p>Blks 10 & 13: A reviewed Index and revisions to dictionary pages (due to Government directed changes and internal changes), shall be submitted not later than 30 calendar days after the CWBS changes.</p> <p>Blk 12: First submittal due 30 days after contract award.</p> <p>Blk 14: Documents shall be provided via electronic media utilizing standard Microsoft office applications.</p> <p>ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil</p>					ASC/RAJD		1	
					ASC/RAFP		1	
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G. PREPARED BY Beth Blanton, Data Manager ASC/RAJ 937-255-4428		H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD 937-255-4523			J. DATE 17 Jun 2002	

CONTRACT DATA REQUIREMENTS LIST

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D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR					
1. DATA ITEM NO. A009	2. TITLE OF DATA ITEM Data Accession List			3. SUBTITLE					
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-81453		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD					
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY QTRLY	12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION b. COPIES				
8. APP CODE N		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION SEE BLK 16						
16. REMARKS Blk 4: Contractor format acceptable. Blk 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred To ASC/RAJD, Wright-Patterson AFB OH 45433. Blks 10, 12 & 13: First submission due 90 days after contract award. Subsequent submittals due not later than 2 weeks after close of each quarter. Blk 14: Documents shall be provided via electronic media utilizing standard Microsoft office applications. ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil				a. ADDRESSEE ASC/RAJD		Final			
				Draft		Reg	Repro		
				15. TOTAL →				1	
				G. PREPARED BY Beth Blanton, Data Manager SC/RAJ, 937-255-4428		H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523	
				J. DATE 17 Jun 2002					

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188		
<p>The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that not withstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.</p>								
A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TOP TM OTHER				
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411			F. CONTRACTOR			
1. DATA ITEM NO. A010	2. TITLE OF DATA ITEM Cost/Schedule Status Report (C/SSR)			3. SUBTITLE				
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-81467		5. CONTRACT REFERENCE SOW para			6. REQUIRING OFFICE ASC/RAJD			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY Mthly	12. DATE OF FIRST SUBMISSION Blk 16		14. DISTRIBUTION b. COPIES			
8. APP CODE Blk 8		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION Blk 16		a. ADDRESSEE		Final	
16. REMARKS Blk 4: Contractor format shall be submitted 30 DACA for approval. Approval required on first submittal only. Contractor shall provide variance reports for variances of +/- 10% Or +/- \$50,000 per WBS element, whichever is less. Contractor shall report at WBS Level 3 except for Software Development. Contractor shall report down to WBS level 4 for Software Development. Blk 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred to ASC/RAJD, Wright-Patterson AFB OH 45433. Blks 10, 12 & 13: Subsequent submittals shall be monthly (15 calendar days after the close of the contractors monthly accounting period). Blk 14: Delivery shall be via electronic media utilizing standard Microsoft office applications. ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil					ASC/RAJD		1	
					ASC/RAPP		1	
15. TOTAL →							2	
G. PREPARED BY Beth Blanton, Data Manager ASC/RAJ, 937-255-4426		H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523			J. DATE 17 Jun 2002	

DD FORM 1423-1, AUG 96 Computer Generated PREVIOUS EDITION MAY BE USED. Page 10 of 21 Pages

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER	
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR	
1. DATA ITEM NO. A011	2. TITLE OF DATA ITEM Contract Funds Status Report (CFSR)			3. SUBTITLE	
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-81468		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY QTRLY	12. DATE OF FIRST SUBMISSION BLK 16	14. DISTRIBUTION	
8. APP CODE Blk 16	C	11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION BLK16	a. ADDRESSEE	b. COPIES
16. REMARKS Blk 4: Contractor format acceptable. Blk 8: Approval required on first submittal only. Blk 9: DISTRIBUTION STATEMENT C: Distributions authorized to US Government Agencies and their contractors. Other requests for this document shall be referred to ASC/RAJD, Wright-Patterson AFB OH. Blks 10, 12 & 13: First submittal due 30 days after contract award. Subsequent submittals shall be due at the end of each government fiscal quarter, 15 days after close of contractor's monthly accounting period. Blk 14: Delivery shall be via electronic media utilizing standard Microsoft office applications. ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil				a. ADDRESSEE	Final
				ASC/RAJD	1
				ASC/RAFP	1
				15. TOTAL →	
G. PREPARED BY Beth Blanton, Data Manager ASC/RAJ, 937-255-4428		H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523	
				J. DATE 17 Jun 2002	

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)	Form Approved OMB No. 0704-0188
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Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A	C. CATEGORY: TOP	TM	OTHER			
D. SYSTEM/ITEM MP-CDL	E. CONTRACT/PR NO. F33657-02-C-5411	F. CONTRACTOR						
1. DATA ITEM NO. A012	2. TITLE OF DATA ITEM Technical Report - Study/Services	3. SUBTITLE						
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80508A		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD				
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY As required	12. DATE OF FIRST SUBMISSION Blk 15	14. DISTRIBUTION b. COPIES				
8. APP CODE N		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION Blk 16	a. ADDRESSEE	Final Draft Reg Repro			
16. REMARKS Blk 4: Contractor format acceptable. Approval for format required only on the first submittal. Blk 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred to ASC/RAJD, Wright-Patterson AFB OH 45433. Blk 10, 12 & 13: Submit studies as required or directed by the government. Blk 14: Documents shall be provided via electronic media utilizing standard Microsoft office applications. ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil				ASC/RAJD	1			
				15. TOTAL →				1
				G. PREPARED BY Beth Blanton, Data Manager SC/RAJ 937-255-4428	H. DATE 17 Jun 2002	I. APPROVED BY Mary Sherman, Program Manager ASC/RAID 937-255-4523	J. DATE 17 Jun 2002	

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER	
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR	
1. DATA ITEM NO. A013	2. TITLE OF DATA ITEM Integrated Master Schedule (IMS)			3. SUBTITLE	
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-81183A		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY MTHLY	12. DATE OF FIRST SUBMISSION Blk 16	14. DISTRIBUTION	
8. APP CODE Blk 16		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION Blk 16	a. ADDRESSEE	b. COPIES
16. REMARKS Blk 4: Contractor format acceptable. Approval for format required only on the first submittal. Blk 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred to ASC/RAJD, Wright-Patterson AFB OH 45433. Blk 10, 12 & 13: Submit the IMS 30 days after contract award. Subsequent submittals shall be monthly (deliver with CDRLs A010 and A011). Blk 14: Documents shall be provided via electronic media utilizing standard Microsoft office applications. ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil				Final	
				ASC/RAJD	1
				15. TOTAL →	

G. PREPARED BY Beth Blanton, Data Manager SC/RAJ, 937-255-4428	H. DATE 17 Jun 2002	I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523	J. DATE 17 Jun 2002
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Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER					
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR					
1. DATA ITEM NO. A014	2. TITLE OF DATA ITEM Test Plan			3. SUBTITLE					
4. AUTHORITY (Data Acquisition Document No.) DI-NDTI-80566		5. CONTRACT REFERENCE SOW Para		6. REQUIRING OFFICE ASC/RAJD					
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY BLK16	12. DATE OF FIRST SUBMISSION BLK 16	14. DISTRIBUTION b. COPIES					
8. APP CODE A		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION BLK16	a. ADDRESSEE ASC/RAJD	Final Draft Reg Repro				
16. REMARKS Blk 4: Contractor format acceptable. Blk 8: The government will have 20 days after receipt of the contractor's plan for approval/disapproval. The contractor shall have 20 days after receipt of the government comments to resubmit the plan. Approval is for technical content only. Blk 9: DISTRIBUTION STATEMENT C: Distributions authorized to US Government agencies and their contractors. Other requests for this document shall be referred to ASC/RAJD, Wright-Patterson AFB OH. Blks 10,12 & 13: Initial draft due 30 days after PDR for all FQT and SIL/Flight Test with updates as required to support SIL and flight test. Final test plan due 30 days after CDR. Blk 14: Delivery shall be via electronic media utilizing standard Microsoft office applications. ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil									
				15. TOTAL →				1	1
				I. PREPARED BY Jeth Blanton, Data Manager ASC/RAJ 937-255-4428		H. DATE 17 Jun 2002		J. DATE 17 Jun 2002	
		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD 937-255-4523							

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A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER					
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR					
1. DATA ITEM NO. A015		Test Procedure							
4. AUTHORITY (Data Acquisition Document No.) DI-NDTI-80603		5. CONTRACT REFERENCE SOW Para		6. REQUIRING OFFICE ASC/RAJD					
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY Blk 16	12. DATE OF FIRST SUBMISSION BLK 16	14. DISTRIBUTION					
8. APP CODE A		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION BLK16	a. ADDRESSEE	b. COPIES				
15. REMARKS Blk 4: Contractor format acceptable. Blk 8: The government will have 20 days after receipt of the contractor's SIL, FQT and Flight testing procedures for approval/disapproval. The contractor shall have 20 days After receipt of the government comments to resubmit the procedures. Approval is for Technical content only. Blk 9: DISTRIBUTION STATEMENT C: Distributions authorized to US Government agencies and their contractors. Other requests for this document shall be referred to ASC/RAJD, Wright-Patterson AFB OH. Blks 10,12 & 13: Initial draft due 60 days prior to SIL, FQT and flight testing with updates as required to support SIL and flight test. Final test procedures due 30 after CDR. Blk 14: Delivery shall be via electronic media utilizing standard Microsoft office applications. ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil				Final					
				15. TOTAL →				1	
				G. PREPARED BY Beth Blanton, Data Manager SC/RAJ, 937-255-4428		H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523	
				J. DATE 17 Jun 2002					

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A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TOP		TM		OTHER	
D. SYSTEM/ITEM MP-CDL			E. CONTRACT/PR NO. F33657-02-C_5411			F. CONTRACTOR			
1. DATA ITEM NO. A016		2. TITLE OF DATA ITEM Test/Inspection Report			3. SUBTITLE				
4. AUTHORITY (Data Acquisition Document No.) DI-NDTI-80809B			5. CONTRACT REFERENCE SOW para			6. REQUIRING OFFICE ASC/RAJd			
7. DD 250 REQ LT		9. DIST STATEMENT REQUIRED C		10. FREQUENCY ASREQ		12. DATE OF FIRST SUBMISSION Blk 16		14. DISTRIBUTION	
8. APP CODE				11. AS OF DATE		13. DATE SUBSEQUENT SUBMISSION Blk 16		a. ADDRESSEE	
16. REMARKS Blk 4: Contractor format acceptable. Blk 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred to ASC/RAJD, Wright-Patterson AFB OH 45433. Blks 10, 12 & 13: Test reports are due 15 days after completion of test. Blk 14: Documents shall be provided via electronic media utilizing standard Microsoft Office applications. ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil						b. COPIES			
						Draft		Final	
						ASC/RAJD		1	
						15. TOTAL →			
G. PREPARED BY Elizabeth Blanton, Data Manager ASC/RAJ 937-255-4428				H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD 937-255-4523			
						J. DATE 17 Jun 2002			

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER	
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR	
1. DATA ITEM NO. A017	2. TITLE OF DATA ITEM System/Subsystem Specification (SSS)			3. SUBTITLE System Specification	
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81431A		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY Blk 16	12. DATE OF FIRST SUBMISSION Blk 16	14. DISTRIBUTION b. COPIES	
8. APP CODE A		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION Blk 16	a. ADDRESSEE	Final Draft Reg Repr
15. REMARKS Blk 4: Contractor format acceptable. Blk 9: DISTRIBUTION STATEMENT C. Distribution authorized to US Government Agencies and their contractors. Other requests for this document shall be referred To ASC/RAJD, Wright-Patterson AFB OH 45433. Blks 10, 12 & 13: Submit updated system specification 30 days prior to PDR. and 30 days prior to CDR. Subsequent updates as changes occur. Blk 14: Documents shall be provided via electronic media utilizing standard Microsoft Office applications. ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil				ASC/RAJD	1
				15. TOTAL →	

G. PREPARED BY
Beth Blanton, Data Manager
ASC/RAJ, 937-255-4428

H. DATE
17 Jun 2002

I. APPROVED BY
Mary Sherman, Program Manager
ASC/RAJD, 937-255-4523

J. DATE
17 Jun 2002

CONTRACT DATA REQUIREMENTS LIST

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A. CONTRACT LINE ITEM NO. 0002	B. EXHIBIT B	C. CATEGORY: TDP TM OTHER
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D. SYSTEM/ITEM MP-CDL	E. CONTRACT/PR NO. F33657-02-C-5411	F. CONTRACTOR
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1. DATA ITEM NO. B001	2. TITLE OF DATA ITEM Integrated Logistics Support Plan	3. SUBTITLE
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4. AUTHORITY (Data Acquisition Document No.) DI-ILSS-80095	5. CONTRACT REFERENCE SOW para	6. REQUIRING OFFICE ASC/RAJD
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION
8. APP CODE A		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION SEE BLK 16	a. ADDRESSEE
				b. COPIES
				Final
				Draft
				Reg
				Repts

16. REMARKS

Blk 4: Contractor format acceptable. DID is tailored as follows:

-10.9.2.5 – change first sentence to read: Maintenance, Test and Support Equipment (MT&SE) requirements (include Built-In Test Equipment (BITE), MTBCF/Mean Repair Time/Fault Detection/Fault Isolation) will be addressed to the maximum extent practical.

-10.9.3 thru 10.9.3.5 - Delete

-10.9.4.6 – Change header to read: Interim Contractor Support.

-10.9.4.10 – change header to read: Mobility Readiness Spares Package

-10.9.4.11 thru 10.9.4.14 – Delete

-10.9.6.2 thru 10.9.6.3 - Delete

10.9.11.2 thru 10.9.11.5 - Delete

Blk 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred To ASC/RAJD, Wright-Patterson AFB OH 45433.

Blks 10, 12 & 13: Deliver ILSP at CDR. Final due 30 days after receipt of government comments. Subsequent submittals as ILS program changes occur.

Blk 14: Documents shall be provided via electronic media utilizing standard Microsoft office applications.

ASC/RAJD

2640 Loop Road West, RM 213

Wright-Patterson AFB OH 45433-7106

E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil

15. TOTAL →

PREPARED BY
Elizabeth Blanton, Data Manager
ASC/RAJ, 937-255-4428

H. DATE
17 Jun 2002

I. APPROVED BY
Mary Sherman, Program Manager
ASC/RAJD, 937-255-4523

J. DATE
17 Jun 2002

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
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A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT B		C. CATEGORY: TOP TM OTHER					
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR					
1. DATA ITEM NO. B002	2. TITLE OF DATA ITEM Technical Manual Contract Requirements (TMCR) (Source Data)			3. SUBTITLE					
4. AUTHORITY (Data Acquisition Document No.) TM-86-01J		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD					
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION b. COPIES					
8. APP CODE N		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION SEE BLK 16	a. ADDRESSEE	Final Reg Repr				
16. REMARKS Blk 4: See attached TMCR-86-01J for distribution requirements. Blk 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred To ASC/RAJD, Wright-Patterson AFB OH 45433. Blks 10, 12 & 13 & 14: Document to be developed in accordance with attached TMCR-86-01J. ASC/RAJD 640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil				ASC/RAJD	1				
				15. TOTAL →				1	

G. PREPARED BY Beth Blanton, Data Manager ASC/RAJ, 937-255-4428	H. DATE 17 Jun 2002	I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523	J. DATE 17 Jun 2002
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(1 Data Item)

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D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-6411		F. CONTRACTOR	
1. DATA ITEM NO. B003	2. TITLE OF DATA ITEM Training Conduct Support Document			3. SUBTITLE	
4. AUTHORITY (Data Acquisition Document No.) DI-ALSS-81523A		5. CONTRACT REFERENCE SOD		6. REQUIRING OFFICE ASC/RAJD	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION	
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				ASC/RAJD	1
15. TOTAL →				1	
G. PREPARED BY Beth Blanton, Data Manager SC/RAJ, 937-255-4428		H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523	
				J. DATE 17 Jun 2002	

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D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR					
1. DATA ITEM NO. B004	2. TITLE OF DATA ITEM Proposed Spare Parts List			3. SUBTITLE					
4. AUTHORITY (Data Acquisition Document No.) DI-JLSS-80134		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD					
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				G. PREPARED BY Beth Blanton, Data Manager ASC/RAJ, 937-255-4428		H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523	
				J. DATE 17 Jun 2002					

Proposal for the Multi Platform-Common Data Link (MP-CDL) Concept Technology Development (CTD)

Statement of Work (SOW) (click on hyperlink to access file)

In Response to:

RFP #F33657-02-R-5411
ASC/AE
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Multi-Platform Common Data Link (MP-CDL)

1.0 (*A) Introduction

This Statement of Work (SOW) defines the effort for the Concept Technology Development (CTD) Phase for the USAF Multi-Platform Common Data Link (MP-CDL) System.

1.1 Background

THE MULTI-PLATFORM COMMON DATA LINK (MP-CDL) PROGRAM: MP-CDL is a Concept and Technology Development (CTD) program that is a risk-reduction effort under the larger Intelligence, Surveillance, and Reconnaissance (ISR) Network Program. MP-CDL is planned to meet the needs for a number of airborne and surface platforms to simultaneously distribute sensor data products to multiple supporting airborne and Surface stations. MP-CDL should meet customer performance requirements and provide capability for future growth. It is one part of an overall plan to migrate the Common Data Link family of data links to the network-centric connectivity envisioned in Joint Vision 2010/2020.

1.2 Objectives

THE MP-CDL PROGRAM OBJECTIVE: The MP-CDL program objective is to provide an operationally effective line-of-sight (LOS), wideband, air-to-air and air-to-surface, point-multipoint and point-point capability that is affordable and has low life cycle management cost. It is an integral part of the larger ISR Network. The MP-CDL system will satisfy the requirement for a networked multipoint data link capability while providing a foundation for ISR Network enhancements. The system capability will support sensor product dissemination to multiple primary users in a point-multipoint configuration, both air-to-air and air-to-surface. The risk reduction system should be suitable as a replacement for the Surveillance and Control Data Link (SCDL). Additional capabilities may be inserted through evolutionary acquisition using one or more spiral developments that will be accomplished as part of the ISR Network development.

Future growth capabilities include simultaneous data link operations supporting either a point-point link and a networked point-multipoint link, or two networked point-multipoint links, and other capabilities, potentially including different network connectivity architectures (mesh, ad hoc, etc.), increased data rates, SATCOM, and enhancements to node compatibility, number of nodes supported, and quality of service improvements.

Multi-Platform Common Data Link (MP-CDL)

1.2.1 Product Performance Objectives

- a. The objective of this program is to design, build, verify and demonstrate a system that meets or exceeds the requirements of the MP-CDL System Specification. The Government desires participation in system trades (e.g., cost, schedule, performance) and an understanding of the operational impacts of the system. For example, the Government desires an understanding of the radio frequency spectrum interference impacts of the Contractor's design on other systems operating in the Ku-band based on Government-furnished scenarios. The system must complete the Joint Interoperability Test Command accreditation process and achieve certification of compliance with the Waveform Specification for CDL.
- b. Affordable and effective platform integration is desired. Associate Contractor Agreements shall be established with selected contractors involved in the integration and development testing of the MP-CDL system. The prototype systems will be evaluated in an ISR Network demonstration and/or in a JSTARS SCDL-replacement demonstration. ISR Network program contractor(s) will be responsible for execution of the demonstrations of the initial ISR Network capability of which the MP-CDL system will be an integral part. MP-RTIP/MC2A, JSTARS, DCGS-A, and/or Global Hawk contractors will conduct a system of systems demonstration. Demonstration support will be required.

1.2.2 Life Cycle Management/Growth Objective

The Contractor shall provide a system that minimizes life cycle cost impacts and supports growth to future capabilities. The system shall allow for affordable changes to keep the system producible and sustainable in the environment of constant technology change. The system shall minimize the cost of upgrading data link capabilities to objective requirements. The system shall also minimize the impact of changing commercial interfaces and technologies.

1.2.3 Integrated Processes Objective

The Government requires that high degree of confidence that cost, schedule and performance requirements will be met. The Government encourages flexibility in applying resources to the technical effort through

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the use of Integrated Product and Process Development (IPPD). Key areas of interest are the use of an Integrated Master Plan (IMP) and Integrated Master Schedule (IMS), risk management, system engineering, software management, subcontractor management, and associate contractor agreements.

1.2.4 Plan for Affordable Production and Support Objectives

- a. The Contractor shall implement a plan to achieve an average procurement unit cost (APUC) target of \$1.0 million in constant year 02 dollars for the MP-CDL Surface Terminal. For this parameter, a unit is defined as a dual-link MP-CDL Surface terminal meeting the requirements as stated in the System Specification, the plan shall be based upon 140 production units spread over 7 years (at 20 units per year). Production planning shall consider such things as quantity variations, component obsolescence, and technology refresh cycles.
- b. The Contractor shall provide a supportable system, using two-level maintenance and existing skill levels, consistent with the current CDL support implementation. An objective is the maximum use of existing Government-inventory support equipment. Planning must demonstrate how spares, technical data and training will be provided. A Source of Repair Assignment Process decision is anticipated.

2.0 Purpose

This SOW (Statement of Work) describes the effort required for the design, development, build, test, delivery and support for the MP-CDL prototype system. Included will be task descriptions, schedules and deliverables.

MP-CDL will be high rate, secure, jam-resistant, network data link that will connect intelligence, surveillance, and reconnaissance (ISR), command and control (C2), battle management (BM) and surface exploitation platforms enabling network centric warfare. The goal of the program is to provide line of sight (LOS), wideband, air-to-air and air-to-Surface, point-multipoint and point-point connectivity in a networked environment. MP-CDL is envisioned to meet the needs for a number of airborne and surface platforms to simultaneously distribute sensor data products to multiple supporting airborne and Surface stations. MP-CDL shall be scalable (expandable and compressible) and modular (adaptable to new waveforms by software upgrades or hardware module upgrades without requiring

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redesign of the entire system), and will utilize off-the-shelf components to the greatest extent possible within operational limitations.

The MP-CDL system shall consist of those components required to satisfy the requirements of the System Specification. Included shall be the Airborne Subsystem Group and the Surface Subsystem Group.

Additional contractual requirements governing this effort will be found in the contract.

3.0 Applicable Documents

3.1 Contractor Documents

3.1.1 System Specification for the MP-CDL System

Specification Number - 8158140

Revision - * no item (1.1.1) is specified

Date Released - 29 July 2002

3.2 Government Documents

3.2.1 None Specified

3.3 Other Documents

3.3.1 None Specified

4.0 Requirements

The program shall be organized by program phases. The program phases are:

- SRR Phase (Systems Requirements Review)
- PDR Phase (Preliminary Design Review)
- CDR Phase (Critical Design Review)
- Build, Test and Delivery of Hardware Phase
- DT&E Support Phase (Development Test and Evaluation)

All work shall be organized and tracked in the Contractor's Earned Value Measurement System (EVMS) using the Contractor Work Breakdown Structure (CWBS). The Contractor shall perform all work described herein in accordance with the Integrated Master Plan (IMP) and the Integrated Master Schedule (IMS). The initial IMS has been submitted with the Contractor's proposal and shall be

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finalized 30 days after receipt of the contract and updated monthly in accordance with the IMS CDRL (A013). The IMP is included as part of the contract and may be updated with Government concurrence to add more detail or as directed by the Government, via appropriate contract modifications should they arise.

The work to be performed shall be as described in the following sections:

4.1 Contract Work Breakdown Structure Dictionary (CWBS)

Work effort shall be organized and statused per the CWBS. The CWBS for the project is presented in Appendix A.

The CWBS Dictionary that provides a brief description of the work to be performed for each CWBS element is presented in Appendix B.

The CWBS is organized by Contract Line Item (CLIN). A summary of the CWBS is as follows:

CLIN 0001 Tasks - CWBS A - MP-CDL Terminals

CWBS AA - Air Terminals

CWBS AB - Surface Terminals

CWBS AC - Datalink System Level Tests

CWBS AD - Reserved

CWBS AE - Systems Engineering/Project Office

CWBS AF - Logistics

CLIN 0004 Tasks - CWBS B - MP-CDL System Demonstration

CWBS BA - PM and Support

CWBS BB - DT&E Support

4.2 (*A) Program Phase Requirements

The MP-CDL work scope for Concept Technology Development (CTD) shall be organized by major program phase. These program phases are **SRR, PDR, CDR, Hardware Integration and Test**, and the **Development Test and Evaluation (DT&E) Phases**. Specific tasks to be performed are outlined in each phase.

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At this point in time, no work scope is anticipated for production or spiral efforts.

4.2.1 SRR Phase

The Systems Requirements Review (SRR) phase shall include all tasks necessary to bridge the period from contract award to conduct of the SRR. The Systems Requirements Review shall be held to review the total system engineering management activity including the credibility of the development schedule and its output for responsiveness to the SOW.

The SRR shall be conducted in accordance with the Contractor's integrated processes and in accordance with the contract requirements including the performance schedule after a significant portion of the system functional requirements have been established.

SRR Phase efforts shall include but not be limited to the following:

- a. Prepare and review updates to the Program Plan/Integrated Master Plan
- b. Prepare and review the Quality Management Plan
- c. Prepare and review the Manufacturing Plan
- d. Prepare and review the Configuration Management Plan
- e. Prepare and review the Systems Engineering Management Plan
- f. Begin effort on the Integrated Logistics Support Plan (ILSP) IAW CDRL B001.
- g. Begin efforts to prepare preliminary outline drawings of MP-CDL hardware
- h. Begin efforts to prepare SWAP (Size, Cooling, Weight and Power) predictions
- i. Prepare, review and submit the Contract Work Breakdown structure - WBS (CDRL A008).
- j. Prepare, review and deliver the Integrated Master Schedule and monthly updates - IMS (CDRL A013)
- k. Prepare and submit the CSSR Master List (CDRL A010)
- l. Prepare and deliver monthly C/SSR (CDRL A010) reports.
- m. Begin efforts to prepare the Data Accession List (CDRL A009)
- n. Begin efforts to prepare updates to the System Specification (CDRL A017)
- o. Begin efforts on the draft Software Development Plan (CDRL A004)
- p. Begin efforts on the draft Software Requirements Specification (CDRL A005)
- q. Begin effort on the Test Plan IAW CDRL A014.
 - Factory test of Air, Surface and spares
 - DT&E Testing
- r. Begin effort on the External Internal Interconnect documents (ICDs) IAW CDRL A003 for Air and Surface subsystems
- s. Begin effort on the RF interference analysis.
- t. Prepare and review updates to the Risk Management Plan
- u. Prepare and review updates to the Design to Cost Plan

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- v. Begin efforts on the Spiral Growth Plan
- w. Participate in/direct IPT activities as required
- x. Identify and contact Associate Contractors. Begin implementing Associate Contractor Agreements (ACAs).
- y. Support/conduct Tech Interchange Meetings, ACA ICWGs
- z. Conduct program management reviews
- aa. Attend and validate subcontractor SRRs
- bb. Conduct SRR
- cc. Submit SRR meeting minutes (CDRL A001)

Completion criteria for this phase will be the successful completion of the above tasks, conduct of the SRR and written Government approval of the SRR.

4.2.2 PDR Phase

The Preliminary Design Review (PDR) phase shall include all tasks necessary to bridge the period from completion of the SRR to conduct of the PDR. The PDR shall be conducted in accordance with the Contractor's integrated processes and in accordance with the contract requirements for each MP-CDL Configuration Item (CI) or aggregate of CIs to:

- a. Evaluate the progress, technical adequacy, consistency and risk resolution (on technical, cost, and schedule basis) of the selected design and test approach.
- b. Determine CI compatibility with performance and engineering specialty requirements of the System Specification including the Design to Cost goals.
- c. Assess the technical risk associated with new engineering and manufacturing methods/processes.
- d. Establish the existence and compatibility of the physical and functional interfaces among the CIs, the end-user platforms and other items of equipment, facilities, computer software, and personnel.
- e. Evaluate the preliminary version of the operational and support documents as specified in the contract.
- f. Identify and update the requirements/plans for proceeding to the Critical Design Review.

PDR Phase efforts shall include but not be limited to the following:

Prepare and review updates to the Program Plan/Integrated Master Plan

- a) Prepare and review the Manufacturing Plan.
- b) Prepare and review updates to the Systems Engineering Management Plan
- c) Prepare and review a preliminary Predicted Reliability Report (from the LSA)
- d) Prepare and review preliminary outline drawings of MP-CDL hardware
- e) Prepare and review subsystem component hardware specifications
- f) Prepare and review SQWAP (Size, Cooling, Weight and Power) predictions
- g) Prepare, review and deliver updates the Integrated Master Schedule (CDRL A013)

Multi-Platform Common Data Link (MP-CDL)

- h) Prepare and deliver monthly C/SSR (CDRL A010) reports and quarterly CFSR (CDRL A011) reports.
- i) Prepare, review and deliver the Data Accession List (CDRL A009)
- j) Prepare, review and deliver updates to the System Specification (CDRL A017)
- k) Prepare, review and deliver the draft Software Development Plan (CDRL A004)
- l) Prepare, review and deliver the draft Software Requirements Specification (CDRL A005)
- m) Prepare, review and deliver draft spare parts list (CDRL B004)
- n) Prepare and review a draft Test Plan IAW CDRL A014.
 - a. Factory test of Air, Surface and spares
 - b. DT&E Testing
- o) Prepare and review draft External Internal Interconnect documents (ICDs) IAW CDRL A003 for Air and Surface subsystems
- p) Prepare and review the draft RF interference analysis.
- q) Prepare and review updates to the Risk Management Plan
- r) Prepare and review updates to the Affordability/Design to Cost Plan. Submit Engineering Change Proposals - ECPs (CDRL A002) to the Government as required.
- s) Prepare and review updates to the Spiral Growth Plan. Submit Engineering Change Proposals - ECPs (CDRL A002) to the Government as required.
- t) Identify and review Long Lead items required to support program delivery schedules
- u) Participate in/direct IPT activities as required
- v) Finalize Associate Contractor Agreements (ACAs) with associate contractors
- w) Support/conduct Tech Interchange Meetings, ACA ICWGs
- x) Conduct program management reviews
- y) Attend and validate subcontractor PDRs
- z) Conduct a PDR
- aa) Submit PDR meeting minutes (CDRL A001)

Completion criteria for this phase will be the successful completion of the above tasks, conduct of the PRR and written Government approval of the PRR.

4.2.3 (*A) CDR Phase

The CDR phase shall include all tasks necessary to bridge the period from completion of the PDR to the Critical Design Review (CDR). During this phase, the designs for the Airborne and Surface Terminal groups shall be completed, culminating with a Critical Design Review with the MP-CDL Customer.

The CDR shall be conducted in accordance with the Contractor's integrated processes and the contract requirements on critical CIs prior to fabrication/ production/coding release to ensure that the detail design solutions, as reflected in the Draft Hardware Product Specification, Software Requirements Specification (SRS), Interface Control Documents (ICDs), and engineering drawings satisfy the

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requirements. The CDR shall also evaluate the credibility of the delivery schedule and performance to the Design to Cost goals.

CDR Phase efforts shall include but not be limited to the following:

- a) Complete designs on all MP-CDL Configuration Items (CIs) in the Air and Surface subsystems and release drawings.
- b) Prepare and review updates to the Program Plan/Integrated Master Plan
- c) Prepare and review updates to the Manufacturing Plan.
- d) Prepare and review updates to the Systems Engineering Master Plan
- e) Prepare and review a final Predicted Reliability Report (from the LSA)
- f) Prepare and review final outline drawings of MP-CDL hardware
- g) Prepare and review final SQWAP (Size, Cooling, Weight and Power) predictions
- h) Prepare, review and deliver updates to the Integrated Master Schedule (CDRL A013)
- i) Prepare and deliver monthly C/SSR (CDRL A010) reports and quarterly CFSR (CDRL A011) reports.
- j) Prepare, review and deliver updates to the Data Accession List IAW CDRL A009.
- k) Prepare, review and deliver updates to the System Specification (CDRL A017)
- l) (*A) Deleted
- m) Prepare, review and deliver the final Software Requirements Specification (CDRL A005)
- n) Prepare, review and deliver final spare parts list (CDRL B004)
- o) Prepare, review and deliver the draft Test Plan (CDRL A014).
 - a. Factory test of Air, Surface and spares
 - b. DT&E Testing
- p) Prepare, review and deliver draft External Internal Interconnect documents (ICDs) for Air and Surface subsystems (CDRL A003).
- q) Prepare, review and deliver the RF interference analysis. (CDRL A012)
- r) Prepare, review and deliver the draft ILSP - Integrated Logistics Support Plan (CDRL B001)
- s) Prepare and review updates to the Affordability/Design to Cost Plan. Submit Engineering Change Proposals - ECPs (CDRL A002) to the Government as required.
- t) Prepare and review updates to the Spiral Growth Plan. Submit Engineering Change Proposals - ECPs (CDRL A002) to the Government as required.
- u) Release procurement of Long Lead Items
- v) Participate in/direct IPT activities as required
- w) Continue to implement Associate Contractor Agreements (ACAs) with associate contractors as they come on board.
- x) Support/conduct Tech Interchange Meetings, ACA ICWGs
- y) Conduct program management reviews
- z) Attend and validate subcontractor CDRs
- aa) Conduct a CDR
- bb) Submit CDR meeting minutes (CDRL A001)

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Completion criteria for this phase will be the successful completion of the above tasks, conduct of the CDR and written Government approval of the CDR.

4.2.4 (*A) Hardware Delivery Phase

During this phase, the Contractor will procure material, build, test and deliver all MP-CDL subsystem products (Air Subsystem, Surface Subsystem, Logistics products (Training and manuals) and spares.

There will be (6) major sub-efforts during this phase

- Build and debug subsystems
- Integrate subsystems and validate system performance
- Conduct environmental qual tests
- Build and test spares
- Government acceptance of all deliverables
- Pack and ship

In addition, the subcontractor shall prepare and submit a draft Operation and Maintenance Manual and training course that covers the MP-CDL Airborne and Surface Terminal subsystems. Detailed requirements for this manual will per CDRL B002. This manual will be evaluated during the training course and during the Development Test and Evaluation (DT&E) phase.

The hardware delivery Phase efforts shall include but not be limited to the following:

- a) Procure all material for hardware build
- b) Build, debug and test
 - a. Airborne Terminal Subsystems (2)
 - b. Surface Terminal Subsystems (1)
 - c. Spares (1 TBD set per CDRL B004)
- c) Conduct EMI and environmental tests for Airborne and Surface Terminals IAW contractors integrated processes and approved Test Plan/s and Test Procedures
- d) Integrate, debug and test the MP-CDL Subsystems (Air and Surface) at the system level
- e) (*A) Conduct Government acceptance tests IAW the System Specification Verification requirements on:
 - a. Airborne Terminal Subsystems (at the system level)
 - b. Surface Terminal Subsystems (at the system level)
 - c. Spares (at the system level)
- f) Inspect, pack and ship completed product to integration and/or JITC site
- g) Prepare and review updates to the Systems Engineering Management Plan
- h) Prepare, review and deliver updates to the Integrated Master Schedule (CDRL A013)
- i) Prepare and deliver monthly C/SSR (CDRL A010) reports and quarterly CFSR (CDRL A011) reports.
- j) Prepare, review and deliver updates to the Data Accession List IAW CDRL A009.

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- k) Prepare and review updates to the Risk Management Plan
- l) Prepare and review updates to the Affordability/Design to Cost Plan. Submit Engineering Change Proposals - ECPs (CDRL A002) to the Government as required.
- m) Prepare and review updates to the Spiral Growth Plan. Submit Engineering Change Proposals - ECPs (CDRL A002) to the Government as required.
- n) Participate in/direct IPT activities as required
- o) Continue platform integration planning efforts with associate contractors.
- p) Support/conduct Tech Interchange Meetings, ACA ICWGs
- q) Prepare and deliver final Test Plan (CDRL A014)
- r) Prepare, review and deliver the Software Test Plan (CDRL A006)
- s) Prepare and deliver Software Test Reports (CDRL A007)
- t) Prepare, review and deliver the Acceptance Test Procedures (CDRL A015)
- u) Deliver acceptance and environmental test data/test reports (CDRL A016)
- v) Prepare and deliver the final Integrated Logistics Support Plan (CDRL B001)
- w) Prepare, and deliver draft Operation and Maintenance Manual (CDRL B002)
- x) Prepare and deliver the Training course (SDRL B003)
- y) Conduct program management reviews

Completion criteria for this phase will be completion of the above tasks and Government acceptance of the MP-CDL hardware and logistics items (spares, manuals and training)

4.2.5 Development Test And Evaluation Phase

In the DT&E phase, the Contractor shall assist with the integration of the MP-CDL Air and Surface subsystems into their respective platforms and assist in the conduct of flight tests that will demonstrate system performance. In addition, the Contractor shall support CDL JITC testing and verification. JITC tests shall be conducted at the JITC facility in Fort Huachuca, AZ prior to DT&E testing and shall be witnessed and approved by the Government. Final sell-off of all MP-CDL hardware shall take place at the end of this phase.

Support effort shall include but not be limited to the following:

- a) Coordination with the Associate Contractors
- b) Conduct of CDL JITC testing at Ft. Huachuca
- c) Installation and operational checkout of the Airborne segment in the two (2) test aircraft (Melbourne, FL)
- d) Installation and operational checkout of the Surface subsystem in the CGS at the test location (Melbourne, FL).
- e) Support DT&E Test activities as directed by the DT&E Test Plan prepared by the integration contractors
- f) Provide timely logistics support for the DT&E test activities.

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- g) Training
- h) Spares
- i) Depot repairs
- j) Assist Associate Contractors in preparation of test reports
- k) Participate in the ACA IPT activity
- l) Support/conduct Tech Interchange Meetings, ACA ICWGs
- m) Conduct program reviews
- n) Prepare and review updates to the Affordability/Design to Cost Plan. Submit Engineering Change Proposals - ECPs (CDRL A002) to the Government as required.
- o) Prepare and review updates to the Spiral Growth Plan. Submit Engineering Change Proposals - ECPs (CDRL A002) to the Government as required.
- p) Prepare, review and deliver updates to the Integrated Master Schedule (CDRL A013)
- q) Prepare and deliver monthly C/SSR (CDRL A010) reports and quarterly CFSR (CDRL A011) reports.
- r) Prepare and review updates to the Risk Management Plan.

Completion criteria for this phase will be the successful completion of the above tasks, and Government acceptance of all hardware after test completion

4.3 Additional Tasks

General - The Contractor shall perform all tasks in accordance with the IMP, the IMS and his approved set of integrated processes. The integrated processes and process outputs relevant to the MP-CDL program shall be made available for Government review throughout the contract period of performance via the Integrated Digital Environment (IDE) described in the following section.

4.3.1 Program Management

The Contractor shall provide a Program Management function for the MP-CDL program in accordance with the Integrated Master Plan (IMP) and his approved integrated processes. The program manager shall be the prime point of contact for the Government Program Manager and shall authorize all work to be performed and be solely responsible for the cost, schedule and performance of the MP-CDL program. In addition, the program manager shall chair the Program Management Integrated Product Team (IPT), and the associated subcommittee IPTs such as Risk Management, Associate Contractor, Affordable Growth, etc.

4.3.2 Project Engineer

The Contractor shall provide a Project Engineering function for the MP-CDL program in accordance with his approved integrated processes. The project engineer shall be solely responsible for the

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management of all technical aspects the MP-CDL program including software management and shall be the prime point of contact for the Government Technical Manager. In addition, the project engineer, or his assigns, shall chair the System and Performance IPT and the ISR Network IPT and their associated subcommittee IPTs such as the Software IPT.

4.3.3 Software Manager

The Contractor shall provide a software management function for the MP-CDL program. The software manager shall be responsible for all software development and validation in accordance with the terms of this SOW, the System Specification, the IMS and his company's approved, integrated processes. The software manager shall conduct periodic reviews of software development progress and provide status to the Government using the IDE. The software manager shall also chair the software and network IPTs.

4.3.4 Logistics Management

The Contractor shall provide a Logistics Management function for the MP-CDL program in accordance with his approved integrated processes. The logistics manager shall be solely responsible for the management of all Integrated Logistics aspects the MP-CDL program including spares allocation, training and Operations/Maintenance. The Logistics manager shall be the prime point of contact with the Government Logistics Manager.

4.3.5 Configuration Management

The Contractor shall provide a Configuration and Data management function for the MP-CDL program in accordance with his approved integrated processes. The configuration manager shall be responsible for establishing and maintaining all product/Configuration Item baselines and the release and archiving of all program documentation including the Data Accession List and CDRLs.

4.3.6 Quality Management

The Contractor shall provide a Quality Assurance management function for the MP-CDL program in accordance with his approved integrated processes. The Quality manager shall be responsible for MP-CDL Contractor and subcontractor product quality including hardware, software and data. The Quality Manager shall be the sole point of contact with the Government Quality Manager.

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4.3.7 EVMS Management

The Contractor shall provide an Earned Value Measurement System (EVMS) management function for the MP-CDL program in accordance with his approved integrated processes. The EVMS manager shall be responsible for establishing and maintaining EVMS baselines and providing periodic cost and schedule performance status in accordance with CDRL A010 and A011 requirements. All EVMS activities shall be organized by the CWBS and shall reflect tasking as specified herein and as by the IMP.

4.3.8 Schedule Management

The Contractor shall provide a schedule management function for the MP-CDL program in accordance with his approved integrated processes. The schedule manager shall be responsible for establishing, maintaining and statusing the Integrated Master Schedule (IMS) baselines and providing periodic schedule performance status in accordance with CDRL A013 requirements.

4.3.9 Subcontract Management

The Contractor shall provide a subcontract management function for the MP-CDL program in accordance with his approved integrated processes. The subcontract manager shall be responsible for managing all program subcontracts to ensure cost, schedule and performance compliance. He shall also be responsible for audit of all subcontractors to ensure compliance with their integrated processes and their IMP and IMS.

4.3.10 Associate Contractor Management

The Contractor shall provide an Associate Contractor management function for the MP-CDL program in accordance with his approved integrated processes. The Associate Contractor manager shall be responsible for establishing and maintaining Associate Contractor agreements (ACAs) with all Associate Contractors and managing all aspects of the ACAs to ensure efficient and timely exchange of Airborne Terminal, Surface Terminal and platform data that will support seamless, low risk integration and test of all MP-CDL hardware in the air and surface platforms.

4.3.11 IDE - Integrated Digital Environment

The Contractor shall provide the Government Web based, secure access to an Integrated Digital Environment, that will enable near real time access to relevant program information such as EVMS

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reports, schedule status, software development status, risk status, meeting minutes, data items, process outputs, etc.

4.3.12 Affordable Growth/Design To Cost

The Contractor shall implement an Affordable Growth/Design to Cost Process that will continually assess opportunities to improve cost and performance of the MP-CDL equipment. A dual link surface terminal future cost goal of \$1 million, in year 2002 dollars, shall be the target. This activity shall involve the Government and shall have visibility in the Integrated Digital Environment.

4.3.13 IPTs (Integrated Product Teams)

The Contractor shall establish Integrated Product Teams (IPTs) that will enable focus on specific aspects of the Program. At a minimum, there shall be a Program Management IPT, an Affordability IPT, an ISR Network IPT, a Product Performance IPT and an Associate Contractor IPT. These IPTs shall involve the Government, shall meet regularly (telephone, Video Teleconferencing, Tech Interchange Meetings (TIMs) etc. to discuss status, issues, and accomplishments. The IPTs shall provide visibility on the Integrated Digital Environment (meeting minutes, contact reports, studies, etc).

4.3.14 Associate Contractor Agreements (ACAs)

The Contractor shall enter into Associate Contractor Agreements with all contractors having a role in the platform integration of the MP-CDL hardware for DT&E Test and ISR networking activities. The purpose of these relationships is to enable timely and accurate exchange of data that will ensure a thorough design and ultimately, a seamless integration of all equipments into the Air and Surface platforms. This activity shall involve the Government via the Associate Contractor IPT process and shall have visibility in the Integrated Digital Environment.

4.3.15 Spiral Growth/Life Cycle Cost

The Contractor shall establish a Spiral Growth process and plan that will address future growth of the MP-CDL hardware in the future ISR environment. This activity shall involve the Government and shall have visibility in the Spiral Growth IPT and in the Integrated Digital Environment.

The Contractor shall implement a process that that minimizes system life cycle cost impacts and supports growth to future capabilities. The process shall address system design that allows for

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affordable changes to keep the system producible and sustainable in the environment of constant technology change. The process shall also address system design that minimizes the cost of upgrading data link capabilities to objective requirements and that minimizes the impact of changing commercial interfaces and technologies

4.3.16 ECPs

The Contractor shall be prepared to submit Engineering Change Proposals (ECPs) as required to support recommendations arising from Government directed changes or Design To Cost, Affordability and Spiral Growth initiatives. The ECPs shall be submitted in accordance with the CDRL A002.

4.3.17 JITC Testing

The Contractor shall submit the MP-CDL system for CDL JITC testing. The tests shall be performed at the Government's JITC Test Center at Fort Huachuca, AZ after delivery of the equipment to DT&E testing. The Contractor shall support the Government test personnel in the conduct of the JITC Tests.

4.3.18 [*A] GFE

Certain items of Government Furnished Equipment will be required to enable the Contractor to execute the MP-CDL program. The GFE List is as follows:

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QTY	Federal Stock #	Nomenclature	Duration of Need	P/N	Reason for Need
1	TBD	ABIT Relay System	13-19 Month ARO	7690622-00	ACDL Testing
1	TBD	RC-135 Hybrid Collector System	13-19 Month ARO	8112170-00	CDL/ACDL Testing
2	TBD	Jammer Assembly	15-19 Month ARO	7699302	Provide Jammer Threat
32	TBD	KGV-135A	9-19 Month ARO	TBD	Provide Data Encryption
2	5999-01-300-4217	Fill Device	9-19 Month ARO		Key COMSEC
2	5810-01-066-7587	Fill Cable	9-19 Month ARO		Key COMSEC
2	5999-01-300-4210	Keying Device	9-19 Month ARO		Key COMSEC

4.3.19 CWBS – Contract Work Breakdown Structure

- The Contractor has established a dictionary of Contract Work Breakdown Structure (CWBS) element definitions and general description and illustration of how it intends to subdivide the preliminary CWBS for planning and control of contract tasks.
- Upon award of a contract, the Contractor may extend the preliminary Contract Work Breakdown Structure (CWBS) contained in this SOW in as much detail as necessary to identify and structure the work effort to successfully achieve the end objective(s) of the contract work scope. The CWBS shall serve as a framework for contract planning, budgeting, and reporting status of costs and schedule to the government. The Contractor shall develop the detailed levels of the CWBS in a manner which will assure compatibility with internal organizations and management systems and which will identify the major elements of work to be subcontracted.
- Any changes that the Contractor wishes to make to the preliminary CWBS included in this SOW shall be identified appropriately, and the proposed revision will be evaluated prior to contract award. The Contractor shall provide information and assistance as requested, if needed, for evaluation of any proposed revision to the preliminary CWBS. Any changes thereafter proposed

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by the Contractor to the specified reporting-level elements of the approved CWBS will require written approval of the Contracting Officer.

4.3.20 RF Interference Study

The Contractor shall conduct a radio frequency spectrum study to assess interference impacts of the Contractor's design on other systems operating in the Ku-band based on Government-furnished scenarios. Use of the Government's CDL Deployment and Mission Planning Software is recommended to conduct this study. During the course of the study, the Contractor shall propose recommendations to the Government to update the CDL Deployment and Mission Planning Software that will enable a more effective tool for evaluating MP-CDL. A study report shall be delivered to the Government in accordance with CDRL A012.

4.3.21. Spares

The Contractor shall provide a set of spares to support the Development Test and Evaluation phase. The spares shall be deliverable with the prototype MP-CDL hardware.

4.3.21 Training

The Contractor shall provide an Operation and Maintenance training course for Government personnel in accordance with CDRL B003. The training course shall be provided at a TBD location.

4.3.22 Manuals

The Contractor shall provide an Operator and Maintenance Manual in accordance with CDRL B002 for the MP-CDL hardware. The manuals shall be used during the Training course.

5.0 Deliverables

5.1 Hardware Deliverables

The Contractor shall deliver the following MP-CDL hardware

- Two (2) MPCDL Airborne Terminal Subsystems (P/N TBA)
- One (1) MP-CDL Surface Terminal Subsystem (P/N TBA)
- MP-CDL Development Air and Surface Terminal Spares (TBA)

5.2 Software Deliverables

There are no separate software deliverables required. All software product shall be imbedded in the MP-CDL hardware and documented to the same level as the hardware.

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5.3 Data Deliverables

Data (CDRLs) shall be developed and delivered per the CDRL descriptions and schedules as defined in Appendix C.

When complete, the CDRLs shall be delivered in accordance with the contract and posted in the Integrated Digital Environment (IDE) site for Government access. All data shall be submitted electronically where applicable, and posted on the IDE web page. If the format prohibits electronic submittal, hard copies shall be submitted by mail.

5.4 Support Services Deliverables

The Contractor shall provide management, maintenance and technical support for MP-CDL hardware and software during:

- JITC testing
- DT&E phase platform integration and flight test

A combination of on-site and home base support shall be provided as required to ensure program success.

6.0 Schedule (IMS)

The contractor shall prepare and maintain an Integrated Master Schedule (IMS). The IMS shall be posted on the IDE Web page and schedule status shall be updated for Government review monthly. The IMS shall be based on the program major milestones as described below.

6.1 Major Program Milestones

- ARO - (Date - TBA)
- Contractor SRR - 1 months ARO
- Contractor PDR - 4 Months ARO
- Contractor CDR - 8 Months ARO
- First Article to Integration and Test - 14 Months ARO
- First Article Acceptance - 18.5 months ARO
- Deliver hardware to DT&E - 19 Months ARO
- Complete DT&E Tests - 28 Months ARO

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6.2 Data Schedules

Data items shall be delivered per the CDRL data schedules noted in Block 13 on each CDRL. All data shall be submitted electronically where applicable, and posted on the IDE web page. If the format prohibits electronic submittal, hard copies will be submitted by mail.

CDRL	Block 13	Block 13	Block 13	Block 13
5810-01-3004-17	135	9-21	5809-01-300-4217	Fill D
5810-01-065-7587	Full Table	9-21	5810-01-065-7587	Fill D
5809-01-300-4217	Full Table	9-21	5809-01-300-4217	Keying

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6.3 [*A] GFE Schedule

The following schedule is for GFE items that will be supplied to the Contractor.

QTY	Federal Stock #	Nomenclature	Duration of Need	P/N	Reason for Need
1	TBD	ABIT Relay System	13-20 Month ARO	7690622-00	ACDL Testing
1	TBD	RC-135 Hybrid Collector System	13-20 Month ARO	8112170-00	CDL/ACDL Testing
2	TBD	Jammer Assembly	15-20 Month ARO	7699302	Provide Jammer Threat
32	TBD	KGV-135A	9-20 Month ARO	TBD	Provide Data Encryption
2	5999-01-300-4217	Fill Device	9-20 Month ARO		Key COMSEC
2	5810-01-066-7587	Fill Cable	9-20 Month ARO		Key COMSEC
2	5999-01-300-4210	Keying Device	9-20 Month ARO		Key COMSEC

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7.0 Appendix A - Contract Work Breakdown Structure (CWBS)

1	MP-CDL TERMINALS - CLIN 0001	A
2	AIR TERMINAL	AA
3	High Power Amplifier Assy Design	AAA
4	Airborne MSMA	AAB
5	Wired Chassis	AABA
6	HR Mux Module	AABB
7	HR Demux Module	AABC
8	Modem Line Module	AABD
9	Ethernet Line Module	AABE
10	Link Controller Module	AABF
11	Red Power Supply Module	AABG
12	Black Power Supply Module	AABH
13	Bandpass Filter Module	AABI
14	Ethernet Egress CCA	AABJ
15	Modem Assembly Cog/Test	AABK
	Reserved	AAC
16	Switchable Diplexer Assembly Designs	AAD
17	Hub Diplexer Design	AADA
18	Spoke Diplexer Design	AADB
19	12" Antenna Assembly	AAE
20	Omni-directional Antenna Design	AAF
21	Manufacturing Non-Recurring - Airborne	AAG
22	SOFTWARE/FIRMWARE (Air Terminal)	AAH
23	DSP	AAHA
24	System Controller	AAHB
25	Network Controller	AAHC
26	High Power Amplifier Assy Firmware	AAHD
27	RF Power Amplifier Firmware	AAHE
28	12" Antenna Firmware	AAHF
29	Omni-directional Antenna Firmware	AAHG
30	AIRBORNE TERMINAL PRIME MISSION PRODUCT	AAI
31	Build and Test Air Terminal Equipment	AAIA
32	Reserved	AAIB
33	SURFACE TERMINAL	AB
34	Surface Terminal MSMA	ABA
35	Wired Chassis	ABAA
36	LRU Cog/Test	ABAB
37	Surface Terminal MRFA Design	ABB
38	Wired Chassis Design	ABBA
39	RF Power Supply Design	ABBB
40	Digital Fiber Optics Design	ABBC
41	Analog Fiber Optic Transmitter Design	ABBD
42	Analog Fiber Optic Receiver Design	ABBE
43	LRU Cog/Test	ABBF
44	Analog Fiber Optic Interface Design	ABC
45	Surface Terminal Diplexer Assy Design	ABD
46	Antenna Assembly Design - Cubic	ABE
47	Manufacturing Non-Recurring - Surface	ABF
48	SOFTWARE/FIRMWARE (Surface Terminal)	ABG
49	DSP	ABGA
50	System Controller	ABGB
50	Reserved	ABGC
51	SURFACE TERMINAL PRIME MISSION PRODUCT	ABH
52	MSMA/MRFA	ABHA
53	Build and Test Ground Term MRFA and MSMA	ABHAA
54	RASG	ABHB
55	Surface Terminal Antenna - Cubic	ABHBA

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56	RF and Fiber Optic Equipment	ABHBB
57	Reserved	ABI
58	DATA LINK SYSTEM LEVEL TESTS	AC
59	Integration and Test	ACA
60	Qualification Tests	ACB
61	Acceptance Tests	ACC
62	SYSTEMS ENGINEERING/PGM MGMT & SUPPORT	AE
63	SYSTEM ENGINEERING	AEA
64	PROGRAM MANAGEMENT AND SUPPORT	AEB
65	PROGRAM MANAGEMENT	AESA
66	Program Manager	AESAA
67	Project Engineer	AESAB
68	Program Plans and Schedules	AESAC
69	Reviews / Meetings	AESAD
70	PROGRAM SUPPORT	AEBB
71	Program Planning and Control	AEBBA
72	Program Quality	AEBBB
73	Program CM/DM	AEBBC
74	Program Office Travel	AEBBD
75	Security	AEBBE
76	Government Property Management	AEBBF
77	MANUFACTURING MANAGEMENT	AEBG
	Subcontractor Support - Cisco	AEBD
78	LOGISTICS	AF
79	ILS Analysis	AFB
80	Training	AFB
81	Manuals	AFB
82	SPARES	AFB
83	L-3 Spares	AFB
84	Surface Antenna Spares - Cubic	AFB
85	ILS Management	AFB
86	Subcontractor ILS	AFB
87	MP-CDL SYSTEM DEMONSTRATION - CLIN 0004	AFB
88	PROGRAM MANAGEMENT AND SUPPORT	B
89	PROGRAM MANAGEMENT	BA
90	Program Manager	BAA
91	Project Engineer	BAAA
92	Program Plans and Schedules	BAAB
93	Reviews / Meetings	BAAC
94	PROGRAM SUPPORT	BAAD
95	Program Planning and Control	BAB
96	Security	BABA
97	DT&E SUPPORT	BABB
98	PLATFORM INTEGRATION/JTIC TESTS	BB
99	TEST SUPPORT	BBA
100	FLIGHT TEST SUPPORT	BBB
101	HOME-BASE SUPPORT	BBBA
102	DTE TRAVEL - ZERO FEE	BBBB
103	SUBCONTRACTOR DT&E SUPPORT	BBC
		BBD

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8.0 Appendix B - Contract Work Breakdown Structure CWBS Dictionary

The following dictionary of CWBS elements provides a brief description of each CWBS task that will be performed. This CWBS shall be the key index for all program events and shall be coordinated with the events specified in the IMP and shall be used as the minimum indentured structure for planning, budgeting and statusing all tasks in the Contractor's EVMS system.

This dictionary shall be maintained and updated as the CWBS changes or is expanded. All CWBS changes shall be coordinated with the Government.

8.1 (*A) CWBS A - CLIN 0001 MP-CDL Terminals

CLIN 0001 Effort - Design, build, integrate, test, sell off and deliver the MP-CDL Terminals to Design, Test and Evaluation (DT&E) Testing

8.2 CWBS AA - Air Terminal

Design, build, integrate, test, sell off and deliver the MP-CDL Air Terminals in accordance with the MP-CDL System Specification.

8.3 CWBS AAA - High Power Amplifier design

Perform all non-recurring design tasks for the Air Terminal High Power Amplifier Assembly. Design effort shall include SRR, PDR, CDR involvement and support for product subsystem build and test efforts. Effort is complete when product enters system integration test phase (WBS AC).

8.4 CWBS AAB - Modem Assembly Design

Perform all non-recurring design tasks for the Air Terminal Modem Assembly. Design effort shall include SRR, PDR, CDR involvement and support for product subsystem build and test efforts. Effort is complete when product enters system integration test phase (WBS AC).

8.5 CWBS AAC - RESERVED

8.6 CWBS AAD - Switchable Diplexer Assemblies

Perform all non-recurring design tasks for the Air Terminal Switchable Diplexers for the "Hub" and "Spoke" configurations. Design effort shall include SRR, PDR, CDR involvement and

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support for product subsystem build and test efforts. Effort is complete when product enters system integration test phase (WBS AC).

8.7 CWBS AAE - 12 Inch Antenna Assembly Design

Perform all non-recurring design tasks for the Air Terminal 12 Inch Antenna Assembly. Design effort shall include SRR, PDR, CDR involvement and support for product subsystem build and test efforts. Effort is complete when product enters system integration test phase (WBS AC).

8.8 CWBS AAF - Omni-directional Antenna Assembly Design

Perform all non-recurring design tasks for the Air Terminal Omni Directional Antenna. Design effort shall include SRR, PDR, CDR involvement and support for product subsystem build and test efforts. Effort is complete when product enters system integration test phase (WBS AC).

8.9 CWBS AAG - Manufacturing Non-Recurring Design

Perform all manufacturing non-recurring tasks for the Airborne Terminal. Tasks shall include preparation and debug of manufacturing operations routing sheets, and fixture design and debug. Include any other tasks necessary to plan for the build and test of the Air Terminal equipment. Do not include design for factory test equipment. Design effort shall include SRR, PDR, CDR involvement and support for product subsystem build and test efforts. Effort is complete when product enters system integration test phase (WBS AC).

8.10 CWBS AAH - Software Design

Design, Integrate and Test the Air Terminal Software Configuration Items as follows.

8.11 CWBS AAHA - DSP Software Design

Design, Integrate and Test the Air Terminal DSP Software. Design effort shall include SRR, PDR, CDR involvement and support for product subsystem build and test efforts. Effort is complete when product enters system integration test phase (WBS AC).

8.12 CWBS AAHB - System Controller Software Design

Design, Integrate and Test the Air Terminal System Controller Software. Design effort shall include SRR, PDR, CDR involvement and support for product subsystem build and test efforts. Effort is complete when product enters system integration test phase (WBS AC).

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8.13 CWBS AAHC – Network Controller Software Design

Design, Integrate and Test the Air Terminal Network Controller Software. Design effort shall include SRR, PDR, CDR involvement and support for product subsystem build and test efforts. Effort is complete when product enters system integration test phase (WBS AC).

8.14 CWBS AAHD – Hi Power Amplifier Software Design

Design, Integrate and Test the Air Terminal Hi Power Amplifier Software. Design effort shall include SRR, PDR, CDR involvement and support for product subsystem build and test efforts. Effort is complete when product enters system integration test phase (WBS AC).

8.15 CWBS AAHE - RF Power Amplifier (RFPA) Software Design

Design, Integrate and Test the Air Terminal RFPA Software. Design effort shall include SRR, PDR, CDR involvement and support for product subsystem build and test efforts. Effort is complete when product enters system integration test phase (WBS AC).

8.16 CWBS AAHF – 12 “ Antenna Software Design

Design, Integrate and Test the Air Terminal 12 “ Antenna Software Design effort shall include SRR, PDR, CDR involvement and support for product subsystem build and test efforts. Effort is complete when product enters system integration test phase (WBS AC).

8.17 CWBS AAHG – Omni-Directional Antenna Software Design

Design, Integrate and Test the Air Terminal Omni Directional Antenna Software. Design effort shall include SRR, PDR, CDR involvement and support for product subsystem build and test efforts. Effort is complete when product enters system integration test phase (WBS AC).

8.18 CWBS AAI - Airborne Terminal Prime Mission Product

Build, debug and test all Airborne Terminal major hardware and software Configuration Items to validate compliance with the verification requirements of the System Specification.

8.19 CWBS AB - Surface Terminal Subsystem

Design, build, integrate, test, sell off and deliver the MP-CDL Surface Terminals in accordance with the MP-CDL System Specification

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8.20 CWBS ABA - Modem Assembly (MSMA) Design

Perform all non-recurring design tasks for the Surface Terminal Modem Assembly (MSMA). Design effort shall include SRR, PDR, CDR involvement and support for product subsystem build and test efforts. Effort is complete when product enters system integration test phase (WBS AC).

8.21 CWBS ABB - RF Amplifier Design (MRFA)

Perform all non-recurring design tasks for the Surface Terminal RF Amplifier Assembly (MRFA). Design effort shall include SRR, PDR, CDR involvement and support for product subsystem build and test efforts. Effort is complete when product enters system integration test phase (WBS AC).

8.22 CWBS ABC - Fiber Optic Interface Design

Perform all non-recurring design tasks for the Surface Terminal Fiber Optic Assembly. Design effort shall include SRR, PDR, CDR involvement and support for product subsystem build and test efforts. Effort is complete when product enters system integration test phase (WBS AC).

8.23 CWBS ABD - Diplexer Assembly Design

Perform all non-recurring design tasks for the Surface Terminal Diplexer Assembly. Design effort shall include SRR, PDR, CDR involvement and support for product subsystem build and test efforts. Effort is complete when product enters system integration test phase (WBS AC).

8.24 CWBS ABE - Antenna Assembly Non-recurring

Perform all non-recurring design tasks for the Surface Terminal Modem Assembly. Design effort shall include SRR, PDR, CDR involvement and support for product subsystem build and test efforts. Effort is complete when product enters system integration test phase (WBS AC).

8.25 CWBS ABF - Manufacturing Non-recurring

Perform all manufacturing Non-recurring tasks for the Surface Terminal. Tasks shall include preparation and debug of manufacturing operations routing sheets, and fixture design and debug. Include any other tasks necessary to plan for the build and test of the Surface Terminal equipment. Do not include design for factory test equipment. Design effort shall include SRR,

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PDR, CDR involvement and support for product subsystem build and test efforts. Effort is complete when product enters system integration test phase (WBS AC).

8.26 CWBS ABG - Software/Firmware Design

Perform all non-recurring software and firmware design tasks for the Surface Terminal.

8.27 CWBS ABGA - DSP Software/Firmware Design

Design, Integrate and Test the Surface Terminal DSP Software/Firmware. Design effort shall include SRR, PDR, CDR involvement and support for product subsystem build and test efforts. Effort is complete when product enters system integration test phase (WBS AC).

8.28 CWBS ABGB - System Controller Software/Firmware Design

Design, Integrate and Test the Surface Terminal System Controller Software/Firmware. Design effort shall include SRR, PDR, CDR involvement and support for product subsystem build and test efforts. Effort is complete when product enters system integration test phase (WBS AC).

8.29 CWBS ABH - Surface Terminal Prime Mission Product

Build, debug and test all Surface Terminal major hardware and software Configuration Items to validate compliance with the verification requirements of the System Specification.

8.30 CWBS ABHA - MSMA/MRFA

Build, test, integrate and debug the Surface Terminal MSMA and MRFA assemblies in accordance with the test plan.

8.31 CWBS ABHAA - Build and test MSMA and MRFA Assemblies

Build, debug and test the Surface Terminal MSMA and MRFA assemblies.

8.32 CWBS ABHB - RASG

Build, test, integrate and debug the Surface Terminal RASG (Remote Antenna Surface Group) assemblies in accordance with the test plan.

8.33 CWBS ABHBA - Procure the Surface Terminal Antenna (RASG)

Procure the RASG Surface Antenna assembly.

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8.34 CWBS ABHBB - RF and Fiber Optic Equipment

Build, debug and test the Surface Terminal RF and Fiber Optic Equipment Assemblies and integrate into the RASG.

8.35 CWBS AC - Data Link System Level Tests

Integrate, debug and functional test the Air and Surface Terminal MP-CDL subsystems per the system test plan to validate compliance with the verification requirements of the System Specification. Perform environmental and EMI Qualification tests on one of each of the Air and Surface Terminal Subsystems. Perform acceptance testing per the approved Acceptance Test Procedure (ATP) on the deliverable MP-CDL Terminal Subsystems and sell off to the Government. Clean up the MP-CDL Terminal Subsystems, pack and ship to the appropriate integration site.

8.36 CWBS ACA - Integration and Test

Integrate, debug and functional test the Air and Surface Terminal MP-CDL subsystems per the system test plan to validate compliance with the verification requirements of the System Specification.

8.37 CWBS ACB - Qualification Tests

Perform environmental and EMI Qualification tests per the Environmental Test Plan on one of each of the Air and Surface Terminal Subsystem.

8.38 (*A) CWBS ACC - Acceptance Tests

Conduct Acceptance Tests on the (two) Air and (one) Surface Terminal subsystems plus the spares. Tests shall be done at the system level. Tests shall be witnessed and approved by the Government. Prepare equipment, perform final inspect, pack and ship to integration site/s. Submit test data reports per CDRL A016.

8.39 CWBS AE - Systems Engineering/Program Management and Support

8.40 CWBS AEA - System Engineering

Provide a systems engineering function for the MP-CDL program in accordance with the Contractor's standard processes.

8.41 CWBS AEB - Program Management and Support

Provide Program Management and Program Support functions for the MP-CDL program.

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8.42 CWBS AEBA - Program Management

Provide a Program Management function for the MP-CDL program. The Program management function shall include:

- The Program Management Function
- The Project Engineering Function
- The Program Plans and Schedules Management Function
 - This function shall implement an EVMS (Earned Value Measurement System) system for all cost reporting
- Reviews and Meetings Function

8.43 CWBS AEBA - Program Management

Provide a Program Manager function for the MP-CDL program in accordance with the Contractor's standard processes. The Program Manager shall be the prime point of contact with the Government Program Manager (or his assigns) on the MP-CDL Program and shall be the prime point of contact for all programmatic IPT issues involving the Contractor.

8.44 CWBS AEBAB - Project Engineer

Provide a Project Engineer function for the MP-CDL program in accordance with the Contractor's standard processes. The Project Engineer shall be the prime point of technical contact with the Government Project Engineer (or his assigns) on the MP-CDL Program and shall be the prime point of contact for all technical IPT issues involving the Contractor.

8.45 CWBS AEBAC - Program Plans and Schedules

Provide a Program Plans and Schedules function for the MP-CDL program in accordance with the Contractor's standard processes. The manager of this function shall be responsible for and maintain the IMS (Integrated Master Schedule), conduct regular and periodic schedule status meetings, perform analyses, and post results on the MP-CDL IDE for Government insight. The Program Plans and Schedules Manager shall also act as the program Risk Manager and implement the Contractor's Risk Management processes. He shall also create and maintain the Risk Management Plan, conduct regular and periodic Risk Management Meetings, conduct risk analyses, post the results on the MP-CDL IDE for Government insight and chair the Risk Management IPT.

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8.46 CWBS AEBAAD - Reviews/Meetings

Conduct/attend reviews and meetings in accordance with Contractor's approved processes. The meetings shall include, but not be limited to:

- Major Internal Design Reviews
 - SRR
 - PDR
 - CDR
- Subcontractor Major Design Reviews
 - SRR
 - PDR
 - CDR
- Contractor and Government PMRs (Program Management Reviews)
- Technical Interchange Meetings (TIMs)
- Associated Contractor (ACA) ICWGs (Interface Control Working Group) Meetings
- IPT meetings

8.47 CWBS AEBA - Program Support

Provide Program Support functions for the MP-CDL Program.

8.48 CWBS AEBA - Program Planning and Control

Provide a Program Planning and Control function for the MP-CDL program in accordance with the Contractor's standard processes. The manager of this function shall be responsible for the initial planning, status and maintenance of the EVMS (Earned Value Measurement System) for the MP-CDL program. He shall conduct regular and periodic EVMS status meetings, perform EVMS analyses, provide input to the Program Management IPT, the Risk Management IPT and post results on the MP-CDL IDE for Government insight.

8.49 CWBS AEBA - Program Quality

Provide Program Quality Management functions for the MP-CDL Program in accordance with the Contractor's approved processes.

8.50 CWBS AEBA - Program CM/DM

Provide Configuration and Data Management (CM/DM) functions for the MP-CDL Program in accordance with the Contractor's approved processes. The Configuration Manager (CM) shall be responsible for maintaining the MP-CDL genealogy (family trees), documentation control and

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management for all MP-CDL hardware, software, specification and CDRL data items. The CM shall also be responsible for posting the latest revisions of all data/documentation in the appropriate electronic vault locations and, as applicable, data items for Government insight, into the IDE.

8.51 CWBS AEBBD - Program Office Travel

Provide travel for the program office team as appropriate in accordance with the Contractor's approved procedures. Travel shall include but not be limited to attendance at:

- Subcontractor and supplier Major Design Reviews
 - SRR
 - PDR
 - CDR
- Government PMRs (Program Management Reviews)
- Technical Interchange Meetings (TIMs)
- Associated Contractor (ACA) Interface Control Working Group (ICWGs) Meetings
- IPT meetings

8.52 CWBS AEBBE - Security

Provide Program Security function for the MP-CDL program in accordance with Contractor approved processes. The Program Security Coordinator shall ensure that all program security requirements are met, distribute and track Controlled Cryptographic Items, maintain a library of and control access to classified documents and provide the prime point of contact with the Government Security Coordinator counterpart and process all visit requests for in-plant and out of plant meetings.

8.53 CWBS AEBBF - Government Property Management

Provide a Government Property Management function for the MP-CDL Program in accordance with the Contractor's approved processes.

8.54 CWBS AEBC - Manufacturing Management

Provide a Manufacturing Management function for the MP-CDL Program in accordance with the Contractor's approved processes. The Manufacturing manager shall be responsible for ensuring that the MP-CDL products are produced affordably, on schedule and within budget.

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8.55 CWBS AEBD - Subcontractor Support

Provide task for subcontractor consultation/support.

8.56 CWBS AF - Logistics

Provide the Logistics products for the MP-CDL Program.

8.57 CWBS AFA - ILS Analysis

Provide a Logistics Support Analysis (LSA) in accordance with approved Contractor Processes. The LSA shall establish logistics baselines for all MP-CDL equipment and provide a provisioning plan for DT&E spares.

8.58 CWBS AFC - Manuals

Prepare a basic Operator and Maintenance Manual for the Airborne and Surface Terminal hardware in accordance with approved Contractor processes. The Maintenance section shall be consistent with the Contractor's proposed approach for 2 level maintenance.

8.59 CWBS AFDA - L-3 Spares

Provide a set of spares for support of MP-CDL Airborne and Surface terminal hardware for the duration of the DT&E (Development Test and Evaluation) period. The spares shall be delivered concurrent with the Airborne and Surface Terminals.

8.60 CWBS AFDB - Subcontractor Spares (Cubic)

Provide a set of spares from the RASG subcontractor for support of MP-CDL Surface terminal RASG hardware for the duration of the DT&E (Development Test and Evaluation) period. The spares shall be delivered concurrent with the Airborne and Surface Terminals.

8.61 CWBS AFE - ILS Management

Provide a Logistics Management function for the MP-CDL Program in accordance with the Contractor's approved processes. The Logistics manager shall be responsible for all logistics/ILS (Integrated Logistics Support) tasks for the MP-CDL Program and shall be the prime point of contact with the Government Logistics manager. The Logistics manager shall also chair/be the Contractor's point of contact for the Logistics IPT.

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8.62 CWBS AFF - Subcontractor ILS Management

Provide a Subcontractor Logistics Management function for the MP-CDL RASG subcontract in accordance with the subcontractor's approved processes. The subcontractor Logistics manager shall be responsible for all logistics/ILS (Integrated Logistics Support) tasks for the RASG hardware, and shall be the prime point of contact with the Contractor's Logistics manager and participate in the Logistics IPT.

8.63 (*A) CWBS B - CLIN 0004 - Support DT&E Tests

CLIN 0004 Effort- Provide support for the DT&E (Development Test and Evaluation) Phase of the MP-CDL Program. The effort will consist of integrating the MP-CDL hardware into airborne and ground platforms and supporting tests during the DT&E test period.

8.64 CWBS BA - Program management and Support

Provide Program Management and Program Support functions for the DT&E phase of the MP-CDL program.

8.65 CWBS BAA - Program Management

Provide a Program Management function for the DT&E Phase of the MP-CDL program. The Program management function shall include:

- The Program Management Function
- The Project Engineering Function
- The Program Plans and Schedules Management Function
- Reviews and Meetings Function

8.66 CWBS BAAA - Program Manager

Provide a Program Manager function for the DT&E Phase of the MP-CDL program in accordance with the Contractor's standard processes. The Program Manager shall be the prime point of contact with the Government Program Manager (or his assigns) on the MP-CDL Program and shall be the prime point of contact for all programmatic IPT issues involving the Contractor.

8.67 CWBS BAAB - Project Engineer

Provide a Project Engineer function for the DT&E Phase of the MP-CDL program in accordance with the Contractor's standard processes. The Project Engineer shall be the prime point of

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technical contact with the Government Project Engineer (or his assigns) on the MP-CDL Program and shall be the prime point of contact for all technical IPT issues involving the Contractor.

8.68 CWBS BAAC - Program Schedules

Provide a Program Plans and Schedules function for the DT&E Phase of the MP-CDL program in accordance with the Contractor's standard processes. The manager of this function shall be responsible for and maintain the IMS (Integrated Master Schedule), conduct regular and periodic schedule status meetings, perform analyses, and post results on the MP-CDL IDE for Government insight. The Program Plans and Schedules Manager shall also act as the program Risk Manager and implement the Contractor's Risk Management processes. He shall also create and maintain the Risk Management Plan, conduct regular and periodic Risk Management Meetings, conduct risk analyses, post the results on the MP-CDL IDE for Government insight and chair the Risk Management IPT.

8.69 CWBS BAAD - Reviews/Meetings

Conduct/attend reviews and meetings in accordance with Contractor's approved processes. The meetings shall include, but not be limited to:

- Contractor and Government PMRs (Program Management Reviews)
- Associated Contractor (ACA) ICWGs (Interface Control Working Group) Meetings
- IPT meetings

8.70 CWBS BAB - Program Support

Provide Program Support functions for the DT&E Phase of the MP-CDL Program.

8.71 CWBS BABA - Program Planning and Control

Provide a Program Planning and Control function for the DT&E Phase of the MP-CDL program in accordance with the Contractor's standard processes. The manager of this function shall be responsible for the initial planning, statusing and maintenance of the EVMS (Earned Value Measurement System) for the MP-CDL program. He shall conduct regular and periodic EVMS

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status meetings, perform EVMS analyses, provide input to the Program Management IPT, the Risk Management IPT and post results on the MP-CDL IDE for Government insight.

8.72 CWBS BABB - Security

Provide Program Security function for the DT&E Phase of the MP-CDL program in accordance with Contractor approved processes. The Program Security Coordinator shall ensure that all program security requirements are met, distribute and track Controlled Cryptographic Items, maintain a library of and control access to classified documents and provide the prime point of contact with the Government Security Coordinator counterpart and process all visit requests for in-plant and out of plant meetings.

8.73 CWBS BB - DT&E Support

Provide technical support to the Development Test and Evaluation Phase of the MP-CDL Program. Support shall consist of assisting the prime integration contractors in integrating Airborne and Surface Subsystems into their respective platforms and supporting tests of the installed equipment.

8.74 CWBS BBA - Platform Integration/JITC Tests

Provide support to the Airborne and Surface platform integration contractors for the installation and checkout of the MP-CDL Air and Surface terminals. Conduct operation and maintenance training courses for air and surface platform personnel.

Support the Government in conduct of JITC certification testing at the Government test location.

Closure criteria for this effort shall be successful JITC certification and successful integration and checkout of the MP-CDL terminals in their respective platforms per requirements established in the Systems Specification and the Associate Contractor's Integrated Platform Test Plan.

8.75 CWBS BBB - Test Support

Provide support of DT&E flight test activities. Support shall consist of pre-mission set-up, and calibrations of subsystems and test equipment, operation of MP-CDL subsystems during ground

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and flight tests, assisting Government evaluators/operators in the set up, operation and maintenance of the MP-CDL equipment, recording test data, preparation of test reports and general support of the prime integrating contractor, associate contractors and Government test team.

Closure criteria for this task shall be submittal of the final test reports.

8.76 CWBS BBBA - Flight Test Support

Provide on site technical support for the duration of the flight test phase

8.77 CWBS BBBB - Home Base Support

Provide on-call technical and maintenance support of all flight test activities from the Contractors home facility.

8.78 CWBS BC - DT&E Travel

Provide for travel to the test sites during the DT&E test phase.

8.79 CWBS BD - Subcontractor DT&E Support

Direct subcontractor support as required for the DT&E phase of the MP-CDL Program.

Subcontractor support will be required for IPT and associate contractor planning activities, platform integration, subsystem maintenance and ground and flight testing of the MP-CDL terminals

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9.0 Appendix C - Contract Data Requirements List (CDRLS)

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)					Form Approved OMB No. 0704-0188	
<p>The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that not withstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.</p>						
A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER		
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR		
1. DATA ITEM NO. A001	2. TITLE OF DATA ITEM Conference Minutes		3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) DI-ADMN-81250A		5. CONTRACT REFERENCE SOW para 00000000 12 DATE 00 00 00		6. REQUIRING OFFICE ASC/RAJD		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION Blk 16 DATE	14. DISTRIBUTION		
8. APP CODE		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION Blk 16	a. ADDRESSEE	b. COPIES	
<p>16. REMARKS</p> <p>Blk 4: Contractor format acceptable.</p> <p>Blk 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred to ASC/RAJD, Wright-Patterson AFB OH 45433.</p> <p>Bls 10, 12 & 13: Minutes shall be provided 5 working days after the meeting. Minutes shall include presentation material presented. Minutes are required for IMP meeting events only (i.e. SRR, TRR, PDR, CDR, etc.)</p> <p>Blk 14: Documents shall be provided via electronic media utilizing standard Microsoft Office applications.</p> <p>ASC/RAJ 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil</p>				ASC/RAJD	Final	
				15. TOTAL →		
G. PREPARED BY Beth Blanton, Data Manager ASC/RAJ, 937-255-4428		H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523		J. DATE 17 Jun 2002



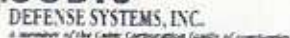
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A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER	
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR	
1. DATA ITEM NO. A002		2. TITLE OF DATA ITEM Engineering Change Proposal		3. SUBTITLE	
4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80639C		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD	
7. DD 250 REQ LT		9. DIST STATEMENT REQUIRED SEE B		10. FREQUENCY ASREQ	
8. APP CODE A		11. AS OF DATE SUBMISSION SEE BLK 16		12. DATE OF FIRST SUBMISSION SEE BLK 16	
13. DATE SUBSEQUENT SUBMISSION SEE BLK 16		14. DISTRIBUTION a. ADDRESSEE ASC/RAJD		b. COPIES Final 1	
16. REMARKS Blk 4: Contractor format acceptable. Blk 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred To ASC/RAJD, Wright-Patterson AFB OH 45433. Blk 14: Documents shall be provided via electronic media utilizing standard Microsoft office applications. ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil				15. TOTAL →	
G. PREPARED BY Beth Blanton, Data Manager ASC/RAJ, 937-255-4428		H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4623	
				J. DATE 17 Jun 2002	



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A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER		
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR		
1. DATA ITEM NO. A003		2. TITLE OF DATA ITEM Interface Control Document (ICD)		3. SUBTITLE		
4. AUTHORITY (Data Acquisition Document/Doc Ref) DI-CMAN-81248A		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD		
7. DD 250 REQ LT		9. DIST STATEMENT REQUIRED SEE BLK 15		12. DATE OF FIRST SUBMISSION SEE BLK 15		14. DISTRIBUTION b. COPIES
8. APP CODE A		13. DATE OF DATE SUBMISSION SEE BLK 15		13. DATE SUBSEQUENT SUBMISSION SEE BLK 16		a. ADDRESSEE Draft Reg Recd Final
16. REMARKS				15. TOTAL →		
<p>Blk 4: Contractor format acceptable.</p> <p>Blk 9: DISTRIBUTION STATEMENT: C Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred To ASC/RAJD, Wright-Patterson AFB OH 45433.</p> <p>Bls 10, 12 & 13. Draft submittals due 30 days prior to CDR. Updates due 30 days after CDR. Updates as required.</p> <p>Blk 14: Documents shall be provided via electronic media utilizing standard Microsoft office applications.</p> <p>ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil</p>						
G. PREPARED BY Beth Blanton, Data Manager ASC/RAJ, 937-255-4428		H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523		J. DATE 17 Jun 2002



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D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR		
1. DATA ITEM NO. A004		2. TITLE OF DATA ITEM Software Development Plan (SDP)		3. SUBTITLE		
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81427A		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD		
7. DD 250 REQ LT		9. DIST STATEMENT REQUIRED C		10. FREQUENCY SEE BLK 16		14. DISTRIBUTION b. COPIES
8. APP CODE A		11. AS OF DATE		13. DATE SUBSEQUENT SUBMISSION SEE BLK 16		a. ADDRESSEE Draft Final Reg Repro
16. REMARKS Blk 4: Contractor format acceptable. Blk 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred To ASC/RAJD, Wright-Patterson AFB OH 45433. Blks 10, 12 & 13: Draft submission due 15 days prior to SRR. Final due 15 days prior to PDR. Blk 14: Documents shall be provided via electronic media utilizing standard Microsoft office applications. ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil						
G. PREPARED BY Beth Blanton, Data Manager ASC/RAJ, 937-255-4428				H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523
				J. DATE 17 Jun 2002		
				15. TOTAL →		

Multi-Platform Common Data Link (MP-CDL)

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188																					
The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that not withstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.																											
A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TOP TM OTHER																							
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR																							
1. DATA ITEM NO. A005		2. TITLE OF DATA ITEM Software Requirements Specification (SRS)			3. SUBTITLE																						
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81433A		5. CONTRACT REFERENCE SOW para			6. REQUIRING OFFICE ASC/RAJD																						
7. DD 250-REQ LT		9. DIST STATEMENT REQUIRED C		10. FREQUENCY Blk 16		12. DATE OF FIRST SUBMISSION SEE BLK 16																					
8. APP CODE N		11. AS OF DATE		13. DATE SUBSEQUENT SUBMISSION SEE BLK 16		14. DISTRIBUTION REQUIRED <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">a. ADDRESSEE</th> <th colspan="2">b. COPIES</th> </tr> <tr> <td>ASC/RAJD</td> <td>Final</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Draft</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Reg</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Repro</td> <td></td> <td></td> </tr> </table>		a. ADDRESSEE		b. COPIES		ASC/RAJD	Final				Draft				Reg				Repro		
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ASC/RAJD	Final																										
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G. PREPARED BY Beth Blanton, Data Manager ASC/RAJ, 937-255-4428		H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523			J. DATE 17 Jun 2002																				
15. TOTAL →						1																					



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Multi-Platform Common Data Link (MP-CDL)

CONTRACT DATA REQUIREMENTS LIST										Form Approved OMB No. 0704-0188	
(1 Data Item)											
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A. CONTRACT LINE ITEM NO. 0002			B. EXHIBIT A			C. CATEGORY: TDP TM OTHER					
D. SYSTEM/ITEM MP-CDL			E. CONTRACT/PR NO. F33657-02-C-5411			F. CONTRACTOR					
1. DATA ITEM NO. A006		2. TITLE OF DATA ITEM Software Test Plan (STP)				3. SUBTITLE					
4. AUTHORITY (Data Acquisition Document No.) DH-PSC-81438A				5. CONTRACT REFERENCE SOW para				6. REQUIRING OFFICE ASC/RAJD			
7. DD 250 REQ LT		9. DIST STATEMENT REQUIRED		10. FREQUENCY Bik 16		12. DATE OF FIRST SUBMISSION Bik 16		14. DISTRIBUTION			
8. APP CODE A		11. AS OF DATE Bik 16		13. DATE SUBSEQUENT SUBMISSION Bik 16				a. ADDRESSEE		b. COPIES	
16. REMARKS								Draft		Final	
Bik 4: Contractor format acceptable.								ASC/RAJD		1	
Bik 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred to ASC/RAJD, Wright-Patterson AFB OH 45433.											
Bik 10, 12 & 13: Draft document is due 60 days prior to start of testing. The final document is due 15 days after receipt of Government comments. Updates as required.											
Bik 14: Documents shall be provided via electronic media utilizing standard Microsoft Office applications.											
ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil											
15. TOTAL →								1			
G. PREPARED BY Beth Blanton, Data Manager ASC/RAJ, 937-255-4428				H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523				J. DATE 17 Jun 2002	



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Multi-Platform Common Data Link (MP-CDL)

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

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[illegible]

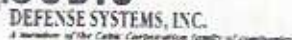
Multi-Platform Common Data Link (MP-CDL)

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
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A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER			
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR			
1. DATA ITEM NO. A010		2. TITLE OF DATA ITEM Cost /Schedule Status Report (C/SSR)				3. SUBTITLE	
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-81467		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD			
7. DD 250 REQ LT		9. DIST STATEMENT REQUIRED C		10. FREQUENCY Mthly		12. DATE OF FIRST SUBMISSION Blk 16	
8. APP CODE Blk 8		11. AS OF DATE		13. DATE SUBSEQUENT SUBMISSION Blk 16		14. DISTRIBUTION a. APP CODE b. COPIES Final	
16. REMARKS Blk 4: Contractor format shall be submitted 30 DACA for approval. Approval required on first submittal only. Contractor shall provide variance reports for variances of +/- 10% Or +/- \$50,000 per WBS element, whichever is less. Contractor shall report at WBS Level 3 except for Software Development. Contractor shall report down to WBS level 4 for Software Development. Blk 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred to ASC/RAJD, Wright-Patterson AFB OH 45433. Blks 10, 12 & 13: Subsequent submittals shall be monthly (15 calendar days after the close of the contractors monthly accounting period). Blk 14: Delivery shall be via electronic media utilizing standard Microsoft office applications. ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil						15. TOTAL → 2	
G. PREPARED BY Beth Blanton, Data Manager ASC/RAJ, 937-255-4428		H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523		J. DATE 17 Jun 2002	

Multi-Platform Common Data Link (MP-CDL)

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188	
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A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER			
D. SYSTEM/ITEM MP-COL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR			
1. DATA ITEM NO. A011		2. TITLE OF DATA ITEM Contract Funds Status Report (CFSR)			3. SUBTITLE		
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-81468		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD			
7. DD 250 REQ LT		9. DIST STATEMENT FREQUENCY: QTRLY AS OF DATE: BLK 16		10. DATE OF FIRST SUBMISSION BLK 16		14. DISTRIBUTION a. ADDRESSEE: ASC/RAJD b. COPIES: 1	
8. APP CODE BLK 16		11. AS OF DATE BLK 16		13. DATE SUBSEQUENT SUBMISSION BLK 16		15. TOTAL → 2	
16. REMARKS <p>Blk 4: Contractor format acceptable.</p> <p>Blk 8: Approval required on first submittal only.</p> <p>Blk 9: DISTRIBUTION STATEMENT C: Distributions authorized to US Government Agencies and their contractors. Other requests for this document shall be referred to ASC/RAJD, Wright-Patterson AFB OH.</p> <p>Blks 10, 12 & 13: First submittal due 30 days after contract award. Subsequent submittals shall be due at the end of each government fiscal quarter, 15 days after close of contractor's monthly accounting period.</p> <p>Blk 14: Delivery shall be via electronic media utilizing standard Microsoft office applications.</p> <p>ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil</p>							
G. PREPARED BY Beth Blanton, Data Manager ASC/RAJ, 937-255-4428		H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523		J. DATE 17 Jun 2002	





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A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER	
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR	
1. DATA ITEM NO. A013	2. TITLE OF DATA ITEM Integrated Master Schedule (IMS)			3. SUBTITLE	
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-81183A		5. CONTRACT REFERENCE ASC/RAJ		6. REQUIRING OFFICE ASC/RAJD	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY MONTHLY SEQUENTIAL SUBMISSION	12. DATE OF FIRST SUBMISSION Blk 16	14. DISTRIBUTION b COPIES	
8. APP CODE Blk 16		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION Blk 16	a. ADDRESSEE ASC/RAJD	Final Orig Reg Repro
15. REMARKS Blk 4: Contractor format acceptable. Approval for format required only on the first submittal. Blk 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred to ASC/RAJD, Wright-Patterson AFB OH 45433. Blk 10, 12 & 13: Submit the IMS 30 days after contract award. Subsequent submittals shall be monthly (deliver with CDRLs A010 and A011). Blk 14: Documents shall be provided via electronic media utilizing standard Microsoft office applications. ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil				15. TOTAL →	
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				J. DATE 17 Jun 2002	



CONTRACT DATA REQUIREMENTS LIST

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A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP		TM		OTHER			
D. SYSTEM/ITEM MP-CDL			E. CONTRACT/PR NO. F33657-02-C-5411			F. CONTRACTOR					
1. DATA ITEM NO. A014		2. TITLE OF DATA ITEM Test Plan				3. SUBTITLE					
4. AUTHORITY (Data Acquisition Document No.) DI-NDTI-80566			5. CONTRACT REFERENCE SOW Para			6. REQUIRING OFFICE ASC/RAJD					
7. DD 250 REQ LT		9. DIST STATEMENT REQUIRED C		10. FREQUENCY BLK16		12. DATE OF FIRST SUBMISSION BLK 16		14. DISTRIBUTION b COPIES			
8. APP CODE A				11. AS OF DATE		13. DATE SUBSEQUENT SUBMISSION BLK16		15. ADDRESSSEE Final Draft Reg Repr			
16. REMARKS Blk 4: Contractor format acceptable. Blk 8: The government will have 20 days after receipt of the contractor's plan for approval/disapproval. The contractor shall have 20 days after receipt of the government comments to resubmit the plan. Approval is for technical content only. Blk 9: DISTRIBUTION STATEMENT C: Distributions authorized to US Government agencies and their contractors. Other requests for this document shall be referred to ASC/RAJD, Wright-Patterson AFB OH. Blks 10,12 & 13: Initial draft due 30 days after PDR for all FQT and SIL/Flight Test with updates as required to support SIL and flight test. Final test plan due 30 days after CDR. Blk 14: Delivery shall be via electronic media utilizing standard Microsoft office applications. ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil						15. TOTAL →		1		1	
G. PREPARED BY Beth Blanton, Data Manager ASC/RAJ, 937-255-4428				H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523					
						J. DATE 17 Jun 2002					

Multi-Platform Common Data Link (MP-CDL)

CONTRACT DATA REQUIREMENTS LIST

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A. CONTRACT LINE ITEM NO.
0002

B. EXHIBIT
A

C. CATEGORY:
TDP TM OTHER

D. SYSTEM/ITEM
MP-CDL

E. CONTRACT/PR NO.
F33657-02-C-5411

F. CONTRACTOR

1. DATA ITEM NO.
A015

Test Procedure

4. AUTHORITY (Data Acquisition Document No.)
DI-NDTI-80603

5. CONTRACT REFERENCE
SOW Para

7. DD 250 REQ
LT

9. DIST STATEMENT
REQUIRED

10. FREQUENCY
Blk 16

12. DATE OF FIRST SUBMISSION
BLK 16

6. REQUIRING OFFICE
ASC/RAJD

8. APP CODE
A

11. AS OF DATE

13. DATE SUBSEQUENT SUBMISSION
BLK16

14. DISTRIBUTION
b COPIES REQUIRED

16. REMARKS

Blk 4: Contractor format acceptable.

Blk 8: The government will have 20 days after receipt of the contractor's SIL, FQT and Flight testing procedures for approval/disapproval. The contractor shall have 20 days after receipt of the government comments to resubmit the procedures. Approval is for Technical content only.

Blk 9: DISTRIBUTION STATEMENT C: Distributions authorized to US Government Agencies and their contractors. Other requests for this document shall be referred to ASC/RAJD, Wright-Patterson AFB OH.

Blks 10, 12 & 13: Initial draft due 60 days prior to SIL, FQT and flight testing with updates as required to support SIL and flight test. Final test procedures due 30 after CDR.

Blk 14: Delivery shall be via electronic media utilizing standard Microsoft office applications.

ASC/RAJD
2640 Loop Road West, RM 213
Wright-Patterson AFB OH 45433-7106
E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil

G. PREPARED BY
Beth Blanton, Data Manager
ASC/RAJ, 937-255-4428

H. DATE
17 Jun 2002

I. APPROVED BY
Mary Sherman, Program Manager
ASC/RAJD, 937-255-4523

J. DATE
17 Jun 2002

15. TOTAL →



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Multi-Platform Common Data Link (MP-CDL)

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A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT B		C. CATEGORY: TDP TM OTHER		F. CONTRACTOR	
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411					
1. DATA ITEM NO. B001		2. TITLE OF DATA ITEM Integrated Logistics Support Plan			3. SUBTITLE B002		
4. AUTHORITY (Data Acquisition Document No.) DI-ILSS-80095		5. CONTRACT REFERENCE SOW para			6. REQUIRING OFFICE ASC/RAJD		
7. DD 250 REQ LT		9. DIST STATEMENT REQUIRED C		10. FREQUENCY SEE BLK 15		12. DATE OF FIRST SUBMISSION SEE BLK 16	
8. APP CODE A		11. AS OF DATE SUBMISSION SEE BLK 15		13. DATE SUBSEQUENT SUBMISSION SEE BLK 16		14. DISTRIBUTION a. ADDRESSEE b. COPIES	
16. REMARKS Blk 4: Contractor format acceptable. DID is tailored as follows: -10.9.2.5 - change first sentence to read: Maintenance, Test and Support Equipment (MT&SE) requirements (include Built-In Test Equipment (BITE), MTBCF/Mean Repair Time/Fault Detection/Fault Isolation) will be addressed to the maximum extent practical. -10.9.3 thru 10.9.3.5 - Delete -10.9.4.6 - Change header to read: Interim Contractor Support. -10.9.4.10 - change header to read: Mobility Readiness Spares Package -10.9.4.11 thru 10.9.4.14 - Delete -10.9.6.2 thru 10.9.6.3 - Delete -10.9.11.2 thru 10.9.11.5 - Delete Blk 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred To ASC/RAJD, Wright-Patterson AFB OH 45433. Blks 10, 12 & 13: Deliver ILSP at CDR. Final due 30 days after receipt of government comments. Subsequent submittals as ILS program changes occur. Blk 14: Documents shall be provided via electronic media utilizing standard Microsoft office applications. ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil						Draft Final Reg Repro 1	
						15. TOTAL → 1	
G. PREPARED BY Beth Blanton, Data Manager ASC/RAJ, 937-255-4428		H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523		J. DATE 17 Jun 2002	

Multi-Platform Common Data Link (MP-CDL)

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188	
<p>The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that not withstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.</p>							
A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT B		C. CATEGORY: TDP _____ TM _____ OTHER _____			
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR			
1. DATA ITEM NO. B002		2. TITLE OF DATA ITEM Technical Manual Contract Requirements (TMCR) (Source Data)			3. SUBTITLE		
4. AUTHORITY (Data Acquisition Document No.) TM-86-01J		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD		7. DD 250 REQ LT	
8. APP CODE N		9. DIST STATEMENT REQUIRED C		10. FREQUENCY		11. AS OF DATE	
				12. DATE OF FIRST SUBMISSION SEE BLK 16		13. DATE SUBSEQUENT SUBMISSION	
				14. DISTRIBUTION: a. ADDRESSEE Draft Final Reg Repro		b. COPIES REQUIRED	
<p>16. REMARKS</p> <p>Blk 4: See attached TMCR-86-01J for distribution requirements.</p> <p>Blk 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred To ASC/RAJD, Wright-Patterson AFB OH 45433.</p> <p>Blks 10, 12 & 13 & 14: Document to be developed in accordance with attached TMCR-86-01J.</p> <p>ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil</p>							
G. PREPARED BY Beth Blanton, Data Manager ASC/RAJ, 937-255-4428		H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523		J. DATE 17 Jun 2002	
15. TOTAL →						1	

Multi-Platform Common Data Link (MP-CDL)

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188	
<p>The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.</p>							
A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT B		C. CATEGORY: TDP TM OTHER			
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR			
1. DATA ITEM NO. B003	2. TITLE OF DATA ITEM Training Conduct Support Document			3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) DI-ALSS-81523A		5. CONTRACT REFERENCE 500		6. REQUIRING OFFICE ASC/RAJD: 134			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED C	10. FREQUENCY	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION REQUIRED			
8. APP CODE N		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION SEE BLK 16	b. COPIES			
<p>16. REMARKS</p> <p>Blk 4: Contractor format acceptable.</p> <p>Blk 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred To ASC/RAJD, Wright-Patterson AFB OH, 45433.</p> <p>Blks 10, 12 & 13 & 14: Delivery trainee guides as follows:</p> <ul style="list-style-type: none"> a. 30 days prior to each in-process review for training b. 30 days prior to start of initial training c. 30 days after completion of final course <p>Blk 14: Documents shall be provided via electronic media utilizing standard Microsoft office applications.</p> <p>ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Blanton@wpafb.af.mil</p>				a. ADDRESSEE N		Final	
				10. REMARK		Reg	Repro
				15. TOTAL →			
G. PREPARED BY Beth Blanton, Data Manager ASC/RAJ, 937-255-4428		H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD, 937-255-4523		J. DATE 17 Jun 2002	

Multi-Platform Common Data Link (MP-CDL)

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Office for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT B		C. CATEGORY: TOP TM OTHER	
D. SYSTEM/ITEM MP-CDL		E. CONTRACT/PR NO. F33657-02-C-5411		F. CONTRACTOR	
1. DATA ITEM NO. B004	2. TITLE OF DATA ITEM Proposed Spare Parts List				3. SUBTITLE
4. AUTHORITY (Data Acquisition Document No.) DI-ILSS-80134		5. CONTRACT REFERENCE SOW para		6. REQUIRING OFFICE ASC/RAJD	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED Reservist	10. FREQUENCY	12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION
8. APP CODE N	11. AS OF DATE	13. DATE SUBSEQUENT SUBMISSION SEE BLK 16		b. COPIES	
16. REMARKS Blk 4: Contractor format acceptable. Parts List should be consistent with Mobility Readiness Spares Package outlined in GDRL B001 Blk 9: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their contractors. Other requests for this document shall be referred To ASC/RAJD, Wright-Patterson AFB OH 45433. Blks 10, 12 & 13: Delivery dates TBD. Blk 14: Documents shall be provided via electronic media utilizing standard Microsoft office applications. ASC/RAJD 2640 Loop Road West, RM 213 Wright-Patterson AFB OH 45433-7106 E-mail soft copy: Elizabeth.Bianton@wpafb.af.mil				a. ADDRESSEE	Final
				ASC/RAJD	
				15. TOTAL →	
G. PREPARED BY Beth Bianton, Data Manager ASC/RAJ 937-255-4428		H. DATE 17 Jun 2002		I. APPROVED BY Mary Sherman, Program Manager ASC/RAJD 937-255-4523	
				J. DATE 17 Jun 2002	

**DEPARTMENT OF DEFENSE
CONTRACT SECURITY CLASSIFICATION SPECIFICATION**
(The requirements of the DoD Industrial Security Manual apply
to all security aspects of this effort.)

1. CLEARANCE AND SAFEGUARDING

a. FACILITY CLEARANCE REQUIRED

SECRET

b. LEVEL OF SAFEGUARDING REQUIRED

SECRET

2. THIS SPECIFICATION IS FOR: (X and complete as applicable)

a. PRIME CONTRACT NUMBER

☒

3. THIS SPECIFICATION IS: (X and complete as applicable)

a. ORIGINAL (Complete date in all cases)

DATE (YYYYMMDD)

20020617

b. SUBCONTRACT NUMBER

b. REVISED
(Supersedes all
previous specs)

REVISION NO.

DATE (YYYYMMDD)

☒ c. SOLICITATION OR OTHER NUMBER

DUE DATE (YYYYMMDD)

F33657-02-R-5411

20021030

c. FINAL (Complete Item 5 in all cases)

DATE (YYYYMMDD)

4. IS THIS A FOLLOW-ON CONTRACT?

☐ YES

☒ NO

If Yes, complete the following:

Classified material received or generated under

(Preceding Contract Number) is transferred to this follow-on contract.

5. IS THIS A FINAL DD FORM 254?

☐ YES

☒ NO

If Yes, complete the following:

In response to the contractor's request dated

, retention of the classified material is authorized for the period of

6. CONTRACTOR (Include Commercial and Government Entity (CAGE) Code)

a. NAME, ADDRESS, AND ZIP CODE

b. CAGE CODE

c. COGNIZANT SECURITY OFFICE (Name, Address, and Zip Code)

REFERENCE SOURCE LIST

7. SUBCONTRACTOR

a. NAME, ADDRESS, AND ZIP CODE

b. CAGE CODE

c. COGNIZANT SECURITY OFFICE (Name, Address, and Zip Code)

N/A

N/A

N/A

8. ACTUAL PERFORMANCE

a. LOCATION

b. CAGE CODE

c. COGNIZANT SECURITY OFFICE (Name, Address, and Zip Code)

N/A

N/A

N/A

9. GENERAL IDENTIFICATION OF THIS PROCUREMENT

COMMON DATA LINK (CDL) COMPLIANT DATA LINK CONCEPT DEVELOPEMENT AND TESTING.

10. CONTRACTOR WILL REQUIRE ACCESS TO:

YES NO

a. COMMUNICATIONS SECURITY (COMSEC) INFORMATION

☒

☐

b. RESTRICTED DATA

☐

☒

c. CRITICAL NUCLEAR WEAPON DESIGN INFORMATION

☐

☒

d. FORMERLY RESTRICTED DATA

☐

☒

e. INTELLIGENCE INFORMATION

☐

☒

(1) Sensitive Compartmented Information (SCI)

☐

☒

(2) Non-SCI

☐

☒

f. SPECIAL ACCESS INFORMATION

☐

☒

g. NATO INFORMATION

☐

☒

h. FOREIGN GOVERNMENT INFORMATION

☐

☒

i. LIMITED DISSEMINATION INFORMATION

☐

☒

j. FOR OFFICIAL USE ONLY INFORMATION

☒

☐

k. OTHER (Specify)

☐

☒

11. IN PERFORMING THIS CONTRACT, THE CONTRACTOR WILL:

YES NO

a. HAVE ACCESS TO CLASSIFIED INFORMATION ONLY AT ANOTHER CONTRACTOR'S FACILITY OR A GOVERNMENT ACTIVITY

☐

☒

b. RECEIVE CLASSIFIED DOCUMENTS ONLY

☐

☒

c. RECEIVE AND GENERATE CLASSIFIED MATERIAL

☒

☐

d. FABRICATE, MODIFY, OR STORE CLASSIFIED HARDWARE

☒

☐

e. PERFORM SERVICES ONLY

☐

☒

f. HAVE ACCESS TO U.S. CLASSIFIED INFORMATION OUTSIDE THE U.S., PUERTO RICO, U.S. POSSESSIONS AND TRUST TERRITORIES

☐

☒

g. BE AUTHORIZED TO USE THE SERVICES OF DEFENSE TECHNICAL INFORMATION CENTER (DTIC) OR OTHER SECONDARY DISTRIBUTION CENTER

☒

☐

h. REQUIRE A COMSEC ACCOUNT

☒

☐

i. HAVE TEMPEST REQUIREMENTS

☒

☐

j. HAVE OPERATIONS SECURITY (OPSEC) REQUIREMENTS

☐

☒

k. BE AUTHORIZED TO USE THE DEFENSE COURIER SERVICE

☒

☐

l. OTHER (Specify)

☒

☐

Pre-contract award to classified is required

12. PUBLIC RELEASE. Any information classified or unclassified pertaining to this contract shall not be released for public dissemination except as provided by the Industrial Security Manual or unless it has been approved for public release by appropriate U.S. Government authority. Proposed public releases shall be submitted for approval prior to release ☐ Direct ☒ Through Agency

ASC/PA, 1865 4th Street, Suite 15, Wright Patterson AFB OH 45433-6803

to the Directorate for Freedom of Information and Security Review, Office of the Assistant Secretary of Defense (Public Affairs) for review.
*In the case of non-DoD User Agencies, requests for disclosure shall be submitted to that agency.

13. SECURITY GUIDANCE. The security classification guidance needed for this classified effort is identified below. If any difficulty is encountered in applying this guidance or if any other contributing factor indicates a need for changes in this guidance, the contractor is authorized and encouraged to provide recommended changes, to challenge the guidance or the classification assigned to any information or material furnished or generated under this contract, and to submit any questions for interpretation of this guidance to the official certified below. Pending that decision, the information involved shall be handled and protected at the highest level of classification assigned or recommended. (If it is appropriate for the classified effort, Attach, or forward under separate correspondence, any documents/quotes/extracts referenced herein. Add additional pages as needed to provide complete guidance.)

The National Industrial Security Program Operating Manual (NISPOIM), January 1995 applies.

a. Ref 10a/11b: COMSEC and/or cryptographic requirements apply. See DoD 5220.22-A.

b. Ref B1b 10: For Official Use Only (FOUO) applies. See addendum.

c. Ref B1b 11c: Any classified information generated in the performance of this contract shall require the contractor to apply derivative classification and markings consistent with the source material, or be governed by the Common Data Link (CDL) Security Classification Guide (SCG), dated 22 Apr 00: OPR, SAF/AQU. Special considerations apply. See addendum.

d. Ref B1b 11d: Contractor is required to provide adequate and approved storage for classified hardware or material to the level of SECRET which because of size or quantity cannot be safeguarded in an approved storage container.

e. Ref B1b 11e: EMSEC requirements apply. See addendum.

f. Ref B1b 11f: DCS address is HQ Defense Courier System, Bldg P-830, Ft George G. Meade MD, 20755-5370.

g. Program Manager: Capt Charles Garcia, ASC/PA, (937)255-5956

NOTE: For production efficiency

classification of information contained within is as follows as per

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14. ADDITIONAL SECURITY REQUIREMENTS. Requirements, in addition to SW requirements, are established for this contract. ☐ Yes ☒ No
If Yes, identify the pertinent contractual clauses in the contract document itself, or provide an appropriate statement which identifies the additional requirements. Provide a copy of the requirements to the cognizant security office. (Use item 13 if additional space is needed.)

15. INSPECTIONS. Elements of this contract are outside the inspection responsibility of the cognizant security office. ☐ Yes ☒ No
If Yes, explain and identify specific areas or elements covered out and the activity responsible for inspections. (Use item 13 if additional space is needed.)

16. CERTIFICATION AND SIGNATURE. Security requirements stated herein are complete and adequate for safeguarding the classified information to be released or generated under this classified effort. All questions shall be referred to the official named below.

a. TYPED NAME OF CERTIFYING OFFICIAL	b. TITLE	c. TELEPHONE (Include Area Code)
JOHN G. MEYER	CONTRACTING OFFICER	(937)255-9249
d. ADDRESS (Include Zip Code)	17. REQUIRED DISTRIBUTION	
ASC/PAK 2640 LOOP ROAD WEST WRIGHT-PATTERSON AFB OH	<input checked="" type="checkbox"/> a. CONTRACTOR	
	<input checked="" type="checkbox"/> b. SUBCONTRACTOR	
	<input checked="" type="checkbox"/> c. COGNIZANT SECURITY OFFICE FOR PRIME AND SUBCONTRACTOR	
	<input checked="" type="checkbox"/> d. U.S. ACTIVITY RESPONSIBLE FOR OVERSEAS SECURITY ADMINISTRATION	
e. SIGNATURE	<input checked="" type="checkbox"/> e. ADMINISTRATIVE CONTRACTING OFFICER	
	<input checked="" type="checkbox"/> f. OTHERS AS NECESSARY	

DO FORM 254 (BACK), DEC 1999

KEP-UNCL
4/4/02

- Effective 12 Feb

ADDENDUM TO DD FORM 254 (Block 11c)
SPECIAL CONSIDERATIONS
(AFMAN 33-214V EXTRACT)

F33657-02-R-5411

3.4. Special Items. People may innocently introduce other radio devices, such as pagers, hand-held portable transceiver radios, cellular telephones, cordless telephones, and cordless microphones into the area processing classified information with disastrous results. Also, alarm systems may use radio transmitters to alert remotely located security or fire-fighting teams.

3.4.1. Hand-Held Radios. These countermeasures are required. Hand-held radio transceivers used with intrabase radios and land mobile radios deserve special consideration because of their unique operational applications. A person may carry these devices into an area where classified information is processed. If the person carrying such a device works in the facility, either turn off the device and use the telephone or separate it 2 meters from classified processors: no transmissions are allowed. If the person carrying the device is a short-term visitor, it is not necessary to turn off the radio because the visitor usually moves about in the facility. Infrequent transmissions are allowed, but only for short durations.

3.4.2. Beepers and Pagers. These countermeasures are required. Beepers and pagers deserve special consideration because of their unique operational applications. A person may carry these devices into an area where classified information is processed. If the person carrying such a device works in the facility, either turn off the device and use the telephone or keep the device 2 meters from classified processors. If the person carrying the device is a short-term visitor, it is not necessary to turn off the device because the visitor usually moves about in the facility. If the device has a transmit capability, follow the instructions for hand-held radios.

3.4.3. Alarm Systems. These countermeasures are required. The mode of operation of alarm systems radio frequency transmitters will determine their treatment. Any such transmitter with a continuous transmit mode or a high duty cycle (transmits most of the time) must meet the same separation requirements as all other fixed transmitters; follow the applicable guidance in paragraph 3.3. If they do not meet these requirements, exclude them from operating in the classified information processing area. Low duty cycle (transmits short bursts infrequently) systems are not considered hazards and require no special treatment.

3.4.4. Cellular Telephones. These countermeasures are required. When a cellular telephone is used as an operational necessity separate it 5 meters from RED equipment. When the cellular telephone is a personal asset, its use is prohibited. Disable the unit from receiving calls or separate it 10 meters from RED processors. Cellular telephones are excluded from operating within 10 meters of the classified information processing area when the facility is located outside the United States.

3.4.5. Cordless Telephones. These countermeasures are required. When a radio frequency cordless telephone is used as an operational necessity, separate it 5 meters from RED equipment. When the cordless telephone is a personal asset, its use is prohibited. Disable the personal cordless telephone from receiving calls or separate it 10 meters from RED processors. There are no separation requirements for infrared cordless telephones. Cordless telephones are excluded from operating within 10 meters of the classified information processing area when the facility is located outside the United States.

3.4.6. Cordless Microphones.

3.4.6.1. Radio Frequency Cordless Microphones. These countermeasures are required. When a radio frequency cordless microphone, encrypted or unencrypted, is used for briefing either classified information or unclassified information, separate it 10 meters from RED equipment. Using unencrypted radio frequency cordless microphones for classified briefings is prohibited.

3.4.6.2. Infrared Cordless Microphones. These countermeasures are required. Using an infrared cordless microphone for briefing classified information requires blocking the line of sight to a possible place where an adversary could detect the infrared emanations. Do not forget that smooth or shiny surfaces cause infrared signals to be reflected. The best solution is to use a closed room, keeping the doors closed and covering the windows with drapes.

3.4.7. Cordless Accessories. These countermeasures are required. When a radio frequency cordless accessory such as a keyboard or a mouse is used, separate it 5 meters from RED equipment. Radio frequency cordless accessories cannot be used to process classified information unless encrypted.

3.4.8. Wireless Local Area Networks (LAN). These countermeasures are required. When a radio frequency wireless LAN is used, separate the transmitter and receiver units 5 meters from RED equipment.

3.4.9. Infrared LANs. These countermeasures are required. An infrared LAN processing classified information requires blocking the line of sight to a possible place where an adversary could detect the infrared emanations. Do not forget that smooth or shiny surfaces cause infrared signals to be reflected. The best solution is to use a closed room, keeping the doors closed and covering the windows with drapes.

3.4.10. Infrared Devices. These countermeasures are required. Infrared devices not covered by any subparagraph of paragraph 3.4 requires blocking the line of sight to a possible place where an adversary could detect the infrared emanations. Do not forget that smooth or shiny surfaces cause infrared signals to be reflected. The best solution is to use a closed room, keeping the doors closed and covering the windows with drapes.

NOTE: If guidance in paragraph 3.3 on Alarm signals is needed, please contact the Program Manager/Contract Monitor to obtain.

Effective 9 April 2002

ADDENDUM TO DD FORM 254 (Block 11)
EMISSION SECURITY (EMSEC) REQUIREMENTS
(FORMERLY TEMPEST REQUIREMENTS)

F33657-02-R-5411

EMISSIONS SECURITY ASSESSMENT REQUEST (ESAR)

FOR ALL CLASSIFIED SYSTEMS

1. The contractor shall ensure that compromising emanations (EMSEC) conditions related to this contract are minimized.
2. The contractor shall provide countermeasure assessment data to the Contracting Officer (CO), in the form of an ESAR. The ESAR shall provide only specific responses to the data required in paragraph 3 below. The contractor's standard security plan shall NOT be used as a "stand-alone" ESAR response. The contractor shall NOT submit a detailed facility analysis/assessment. The ESAR information will be used to complete an EMSEC Countermeasures Assessment Review of the contractor's facility to be performed by the government EMSEC authority using current Air Force EMSEC directives. EMSEC is applied on a case-by-case basis and further information may be required to complete the review. The contractor shall provide this information to the CO when requested. After the evaluation of the ESAR by the government EMSEC authority, additional EMSEC requirements may be necessary. When changes to the information required in paragraph 3 below occurs (including, but not limited to, relocation, additions, or deletions of equipment from the original approved room), the contractors shall notify the CO of these changes. Upon request, the contractor shall submit to the CO a new ESAR, identifying the new configuration at least 30 days before the change occurs. The contractor shall NOT commence processing with the new configuration until receiving, as a minimum, interim approval from the CO.
3. *ESAR contents shall include, as a minimum, the following information:
 - a. The specific classification and special categories of material to be processed/handled by electronic means. Include percentage of each classification level used including unclassified (i.e., 5% Top Secret, 10% Secret/SAR, 25% Secret, 60% Unclassified).
 - b. The specific location (complete address, building/room number, or office) where classified processing will be performed. Include identification of any other contractor/company located within 200 meters of the facility.
 - c. Attach a copy of the Defense Investigative Service (DIS) Form 147 to validate physical security and approved storage level of the facility.
 - d. Provide the name, title, and telephone number (commercial and/or DSN) of a point of contact at the facility where processing will occur.
4. The prime contractor shall ensure that all subcontractors and/or vendors comply with EMSEC requirements when performing classified processing related to this contract. The subcontractor will provide the above documentation through their prime to the CO to complete the ESAR.

*NOTE: A copy of your Automated Information System Security Plan(s) (AISSP) will suffice.

Effective 9 April 2002



L-3 Communications Systems - West

Master Subcontract Plan

Small and Historically Underutilized

Business Concerns

Effective: 9 March 2001 through 9 March 2003

L-3 Communications Systems - West
640 North 2200 South
Salt Lake City, UT 84116-2988

Submitted by:

Debora Moffitt 3/9/01
Debora Moffitt Date
Small Business Liaison Officer
L-3 Communication Systems - West
640 N. 2200 W. M/S E1F06
Salt Lake City, UT 84116-2988

Approved by:

Viann McQueen Martinez 9 March 2001
Viann McQueen Martinez Date
Divisional Administrative Contracting Officer
DCM Salt Lake - Utah
640 N. 2200 W., M/S E1J02
Salt Lake City, UT 84116-2988

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1. INTRODUCTION

L-3 Communications Systems - West (hereinafter referred to as "L3CSW") is pleased to submit our Master Small Business Subcontracting Plan pursuant to FAR 19.704, which contains all the elements required by the clause of 52.219-9, except for a specific subcontracting plan's goals. (See page 14)

It is the intent of L3CSW to provide maximum practicable opportunities in its acquisitions to small business, HUBZone small business, small disadvantaged business, women-owned small business and veteran-owned small business concerns (SB/HUBSB/SDB/WOSB/VOSB/SDVOSB).

L3CSW located in Salt Lake city, Utah, is a leader in communication systems for intelligence collection, imagery processing, satellite communications and software engineering for the defense industry. Communications Systems-West is a division of L-3 Communications.

Historically, L3CSW has endorsed and fully supported corporate policy that discrimination shall not exist in any area of L-3 Communications including employment or general conduct of Company business. L3CSW is strongly committed to the purpose and objectives of our Small Business Program and management has long recognized that inclusion of small businesses in their business plans is critical to competition and customer satisfaction.

2. DEFINITIONS

As used throughout the Plan, the following terms have the definitions indicated below:

"Small business" means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on government contracts, and qualified as a small business under the criteria and size standards in 13 CFR Part 121.

"Historically black colleges and universities" means institutions determined by the Secretary of Education to meet the requirements of 34 CFR 608.2.

"Minority institutions" means institutions meeting the requirements prescribed by the Secretary of Education at 34 CFR 607.2. The term also includes any nonprofit research institution that was an integral part of a historically black college or university before November 14, 1986.

"Small disadvantaged business" means a small business concern that is at least 51 percent owned by one or more individuals who are both socially and economically disadvantaged, or a publicly owned business having at least 51 percent of its stock owned by one or more socially and economically disadvantaged individuals and has its management and daily business controlled by one or more such individuals. This term also means a small business concern that is at least 51 percent unconditionally owned by one of these entities, that has its management and daily business operations controlled by members of a Federally recognized Indian tribe or Native Hawaiian Organization, and meets the requirements of 13 CFR 124. L3CSW presumes that socially and economically disadvantaged individuals are US citizens who are Black Americans, Hispanic Americans, Asian-Pacific Americans, Subcontinent Asian Americans and other minorities, as well as any other individuals found to be socially and economically disadvantaged by the Small Business Administration pursuant to Section 8(a) of the Small Business Act. For the purposes of the Plan, the term includes historically black colleges and universities and minority institutions (HBCU&MI) as defined above are a subset of the term small disadvantaged business (SDB).

"Socially disadvantaged individuals" means individuals who have been subjected to racial or ethnic prejudice or cultural bias because of their identity as a member of a group without regard to their qualities as individuals.

"Economically disadvantaged individuals" means socially disadvantaged individuals whose ability to compete in the free enterprise system is impaired due to diminished opportunities to obtain capital and credit as compared to others in the same line of business who are not socially disadvantaged.

"Woman-owned small business concern" means a small business which is at least 51 percent owned by one or more women or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and whose management and daily business operations are controlled by one or more women.

"HUBZone small business concern" means a small business concern that appears on the list of qualified historically underutilized business zone (HUBZone) small business concerns who have been certified by the US Small Business Administration (SBA).

"Contract" means any contract between L3CSW and the U.S. Government or any subcontract where L3CSW is a subcontractor to a prime contractor or higher tier contractor under a Federal government contract valued in excess of \$500,000.

"Veteran-owned small business concern" means a small business concern which is at least 51 percent owned by one or more veterans (as defined at 38 U.S.C. 101 (2)) or in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more veterans and whose management and daily business operations of which are controlled by one or more veterans.

"Service-disabled veteran-owned small business concern" means a small business concern which is owned by one or more service-disabled veterans or in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more service-disabled veterans and whose management and daily business operations are controlled by one or more service-disabled veterans or, in the case of a veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran. Service-disabled veteran means a veteran as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

3. POLICY

In furtherance of the policy of the U.S. Government to facilitate participation in government contracting by small businesses, it is the policy of L-3 Communication Systems to afford small businesses, small disadvantaged businesses, women-owned small businesses, and HUBZone small businesses maximum practicable opportunity to compete for and furnish materials and services required by L3CSW for performance of both Government and commercial programs. This policy is set forth in the L-3 Communication Systems Policy P-081 Small Business Development Program. It is L-3 Communication Systems policy that its business units will conduct socioeconomic subcontracting programs in recognition of compelling moral, social and economic necessities. It is also L-3 Communication Systems policy to facilitate the achievement of its negotiated subcontracting goals by developing the capabilities of, and pursuing opportunities to award subcontracts and other procurements to SB/HUBSB/SDB/WOSB/VOSB/SDVOSB.

L3CSW, through normal operating procedures, complies with relevant Government regulations, as evidenced by sections of the Material Acquisition Procedure Manual. The operating procedures are periodically reviewed and evaluated by cognizant Government representatives and have consistently been found satisfactory and in compliance with regulations.

4. CERTIFICATION OF SUPPLIER CLASS

Currently L3CSW requires subcontractors to certify as to their status as a large business, small business, small disadvantaged business, women-owned small business, HUBZone small business, veteran-owned small business and historically black college and university or minority institution. New subcontractors must provide such certification prior to receipt of the first purchase order. Under this procedure, L3CSW relies in good faith on the self-certifications provided by subcontractors and prospective subcontractors. Notice is provided to subcontractors, similar to that in the solicitation provision of FAR 52.219-1, concerning penalties for misrepresentations of business status as small business for the purpose of obtaining subcontracts.

For purchase order placements related to DOD contracts containing the FAR 52.219-9 clause (Small Business Subcontracting Plan), L3CSW will consider a company to be a small disadvantaged business only if they have been certified as such by the Small Business Administration (SBA). L3CSW will rely on the SBA's on-line PRO-Net System to validate the status of these companies. However, it should be noted that the projections provided in this Plan are related to previously awarded or anticipated DOD contracts that do not contain the certification requirement.

The PRO-Net System will be used to confirm the status of any company that is claiming to be certified as a small disadvantaged business or HUBZone small business.

5. ADMINISTRATION OF THE PLAN

To ensure maintenance and optimum improvement of the high performance standards set for the company's Small Business Program, L-3 Communications Systems has established a Corporate Small Business Task force team. This team is lead by the Corporate Vice President of Procurement.

The L3CSW Small Business Liaison Officer is responsible for directing the Company's daily efforts to ensure that the policy described in Section 3 above is fully carried out.

Small Business Liaison Officer

Ms. Debora Moffitt
L-3 Communication Systems - West
640 North 2200 West, M/S E1F06
P.O. Box 16850
Salt Lake City, UT 84116-0850
Telephone: (801) 594-7261
Facsimile: (801) 594-3754

6. SMALL BUSINESS LIAISON'S PRIMARY RESPONSIBILITIES

The Small Business Liaison's primary responsibilities are to:

- a. Coordinate with Contract Representatives to ensure that a Request for Subcontract Plan is submitted to Procurement Administration for all applicable contracts in excess of \$500,000.
- b. Submit detailed proposal information to prepare the Subcontracting Plan in accordance with FAR 52.219-9.
- c. Review all subcontract plans submitted to L3CSW on all contracts in excess of \$500,000 with large businesses. Large businesses must submit a plan for L3CSW's approval before an order can be placed.
- d. Be aware of legal and regulatory changes to the subcontracting program, which affect L3CSW's procedures and responsibilities.
- e. Serve as liaison with Defense Contract Management Command - Denver (DCMC-Denver) and the Small Business Administration (SBA), or any other Federal agency representatives concerning L3CSW's subcontracting plans.
- f. Prepare all required semi-annual/annual reports required for our Subcontracting Program.
- g. Work directly with and advise all functional organizations within L3CSW and the corporation on any areas relating to SB/HUBSB/SDB/WOSB/VOSB/SDVOSB.
- h. Participate in the establishment of goals and objectives for each business area and provide management, on a monthly basis, reports which track progress toward goal achievement.
- i. Provide training programs for individuals in key functional areas of the requirements of the Small Business Subcontracting Program.
- j. Provide assistance and counsel to SB/HUBSB/SDB/WOSB/VOSB/SDVOSB businesses regarding subcontracting opportunities and L3CSW procurement procedures with respect to such matters as bid preparation, quality requirements, schedule requirements, availability of progress payments, and assistance with understanding and complying with contractual requirements.
- k. Establish, monitor, and control reporting for L3CSW management, procurement personnel, corporate personnel, and Federal agencies.
- l. Compile and maintain source directories on current potential SB/HUBSB/SDB/WOSB/VOSB/SDVOSB to aid procurement personnel in locating and contracting with such concerns.
- m. Assist in the development of the management techniques and methods to help ensure that small businesses and small historically underutilized businesses have the ability to compete.
- n. Perform outreach and represent L3CSW in matters relating to the small business subcontracting program with cognizant Federal agencies including components of the Department of Defense (DoD) and the SBA, as well as state and local agencies, local Chambers of Commerce, national and regional purchasing councils, and other organizations.

- o. Cooperate with SBA representatives with respect to periodic reviews and/or opportunity referrals, consistent with the DLA/SBA Memorandum of Agreement.
- p. Ensure that SB/HUBSB/SDB/WOSB/VOSB/SDVOSB are given consideration in make-or-buy decisions.
- q. Participate and/or sponsor programs providing training- and business-related information to SB/HUBSB/SDB/WOSB/VOSB/SDVOSB. Actively involve Historically Black Colleges and Universities/Minority Institutions (HBCU/MI) in this effort whenever possible.
- r. Attend small business procurement conferences and trade fairs.
- s. Ensure that managers and employees are recognized and rewarded for exceptional performance and initiative in support of the Small Business Program.

7. DESCRIPTION OF EFFORTS

- a. L-3 Communication Systems is committed to offering small businesses and small businesses owned and controlled by historically underutilized individuals the maximum practical opportunity to participate in the performance of purchase orders and subcontracts.
- b. L3CSW will ensure that SB/HUBSB/SDB/WOSB/VOSB/SDVOSB concerns have an equitable opportunity to compete. This will be accomplished by affording such businesses the opportunity to quote, allowing sufficient time for preparation of bids, adjusting quantities, and offering guidance in the interpretation of specifications so as to facilitate the participation of small businesses and small historically underutilized businesses.
- c. Such assurances are obtained throughout the normal procurement cycle, from source development, make or buy decisions, design considerations, bid evaluations, and evaluation of supplier capabilities.
- d. In addition, formal organization and assignments have been established as defined in the previous sections. A Small Business and Small Historically Underutilized Business Development Plan has been created. Corporate and division task forces are working effectively, as defined under the Records section of this plan. Reports, records and procedures have been instituted to support this effort as identified under the Records section.
- e. L3CSW provides progress payments to small businesses and small disadvantaged businesses, in conformity with the standards for customary progress payments stated in FAR Subpart 32.5. The need for such progress payments is not considered as a handicap or adverse factor in the award of subcontracts.

8. SUBCONTRACT PLAN DETAIL

On a contract-by-contract basis, separate percentage goals and subcontract dollars with small business, HUBZone small business, small disadvantaged business (including HBCU/MI), women-owned small business and veteran-owned small business will be submitted for negotiated/formally advertised contracts.

The method used in developing proposed subcontracting goals for small and small historically underutilized business concerns is as follows.

- a. The accounting system at L3CSW is set up and approved under Cost Accounting Standards. To determine contract goals, first the contract Bill of Material is reviewed and categories are established for each material grouping, including Metal Fab, Raw Material, Supplier Parts and Subcontracts; this yields a contract profile. Second, the division-wide performance and projected performance are reviewed and similarly categorized with commitments to large, small, and historically underutilized business. Finally, the division-wide figures will be projected to the contract profile where the specific mix will determine the goals represented. The detailed analysis will be presented along with the contract-by-contract goals developed.
- b. To determine the proportionate share of direct and overhead costs incurred with small business and small historically underutilized business, indirect and overhead costs are amortized to each contract based on the percentage that division-wide indirect and overhead procurements ran in the previous year. That percentage is applied to direct material expected to be subcontracted for this contract (less MSO and material factors) to obtain the total planned indirect amount. The goals are based on annualized division-wide performance for indirect and overhead purchases.

9. IDENTIFICATION AND DEVELOPMENT OF POTENTIAL SOURCES

L3CSW maintains source directories and access to SBA's PRO-NET for small business, small disadvantaged business, HUBZone small business, women-owned small business and veteran-owned small business concerns. These directories are supplemented through information shared by other L-3 Communication Systems companies and divisions.

Source listings from the following sources are used to the maximum practicable extent to ensure that SB/HUBSB/SDB/WOSB/VOSB/SDVOSB are identified as potential sources: the Small Business Administration's PRO-Net System, Try Us Directory, the National Minority Purchasing Council and its Regional Purchasing Councils, the Minority Business Development Agency in the Department of Commerce, Minority Business Development Centers, and various Chambers of Commerce. Source listings are also obtained from various industries and trade organizations.

L3CSW representatives regularly attend and actively participate in Federal procurement conferences, trade fairs, corporate meetings, industry conferences, seminars and related functions to seek new SB/HUBSB/SDB/WOSB/VOSB/SDVOSB business sources.

Corporate and L3CSW directives and procedures emphasize that special effort is to be expended in seeking SB/HUBSB/SDB/WOSB/VOSB/SDVOSB qualified to furnish subcontracted materials and services. This effort includes assistance in every reasonable manner to develop new potential sources. L3CSW continually strives to develop new competitive small business sources.

Solicitation methods include source lists, trade fairs, mail campaigns, trade organizations, business development organizations, agency recommendations, committees, qualified producer's lists, task forces, supplier contacts, questionnaires and interviews.

10. SUBCONTRACT FLOWDOWN PROVISIONS

L3CSW includes the following provisions in all purchase orders and subcontracts issued in support of Federal contracts except where such inclusion is exempted.

FAR 52.219-8. Utilization of Small Business Concerns. (Applicable to all purchase orders and subcontracts over \$25,000 issued in support of Federal contracts except for purchase orders and subcontracts for personal services or purchase orders and subcontracts which, including all lower-tier subcontracts, will be performed entirely outside of any state, territory, or possession of the United States, the District of Columbia, and Commonwealth of Puerto Rico.)

FAR 52.219-9. Small Business Subcontracting Plan. (Applicable to all purchase orders and subcontracts which are issued in support of Federal contracts, which offer further subcontracting opportunities and which exceed \$500,000 (\$1,000,000 if for the construction of any public facility).

DFARS 252.219-7003. Small Business, Small Disadvantaged and Women-Owned Small Business Subcontracting Plan (DOD Contracts). (Applicable to all purchase orders and subcontracts issued in support of Federal contracts.)

For all purchase orders and subcontracts to which FAR 52.219-9 applies, L3CSW requires our large business subcontractors to furnish to L3CSW a plan similar to this Plan which meets the requirements of FAR 52.219-9.

L3CSW maintains records to demonstrate that its policies and procedures have been implemented and to track performance and ensure compliance with the requirements and goals reflected by the subcontract plan. Such records include the following:

- a. SB/HUBSB/SDB/WOSB/VOSB/SDVOSB source lists and other data, which enable procurement personnel to identify, develop and provide bid opportunities to such concerns.
- b. Records of efforts to obtain and utilize SB/HUBSB/SDB/WOSB/VOSB firms through contacts with Government and industry organizations.
- c. Records of all awards of \$100,000 or more, indicating on each solicitation 1) whether SB/HUBSB/SDB/WOSB/VOSB/SDVOSB were solicited and, if not, why not; 2) if applicable, the reason the award was not made to a SB/HUBSB/SDB/WOSB/VOSB/SDVOSB concern.
- d. Records of outreach efforts to contact trade associations, business development organizations, and participation in conferences and trade fairs to locate firms owned and operated as SB/HUBSB/SDB/WOSBVOSB.
- e. Records of internal activities implemented to give guidance and encouragement to procurement and other branch personnel, through workshops, seminars, training, etc., and monitoring performance to evaluate compliance with the program's requirements.
- f. Each purchase order folder will be maintained at the L3CSW that places the order. The statistical records of the dollars and percentages of L3CSW awards made to small business, small disadvantaged business, women-owned small business, and HUBZone small business concerns are maintained at that L3CSW. These purchase order folders and statistical reports are available for review by Federal agencies, such as the Defense Contract

Management Command and the Small Business Administration. It is also anticipated that the cognizant representative of such agencies will conduct periodic site reviews.

11. COOPERATION WITH CONTRACTING OFFICER AND SMALL BUSINESS ADMINISTRATION

L3CSW has supported and will continue to support the Government's legislation aimed at improving the viability and strength of the nation's small business community. L3CSW has had an active, successful program in the past, and shall continue to cooperate with the contracting agency and SBA on any requirements for submission of periodic reports, such as Standard Form 294 and Standard Form 295 as required by FAR 52.219-9 (d) (10)(ii), (iii), and (iv), and participation in any studies or surveys.

12. MONITORING ACTIVITIES TO EVALUATE COMPLIANCE

- a. L3CSW maintains an on-line source and history file. This system keeps history of businesses L3CSW has used and records current disbursements.
- b. The Plan Administrator issues a report to management and to the buying personnel reporting current performance and status for the program.
- c. SB/HUBSB/SDB/WOSB/VOSB/SDVOSB annual performance becomes a part of each responsible manager's objectives. These objectives are included in all involved personnel's objectives.
- d. The L3CSW Procedure (P-081) was established for PL 95-507 (FAR 52.219-9) and is available to each Buyer via our on-line system. The procedure defines the division's guide for compliance with the requirements of the Small Business Subcontracting Program and formally establishes the position of Small Business Liaison Officer (SBLO).
- e. Procedures and policies require that Procurement personnel make every effort to place orders with SB/HUBSB/SDB/WOSB/VOSB/SDVOSB concerns consistent with contract requirements. Buying personnel are made aware of the commitment by way of training sessions in addition to performance objectives.
- f. A copy of each subcontracting plan's goals is maintained on file with applicable correspondence.

13. SMALL BUSINESS SYSTEM PROCESS

- a. An automated Small Business System utilizes data from purchasing (P-1100) and accounts payable (A/P-1100) commitments. The data is downloaded from the systems to a Mapper database on a monthly basis.
- b. The name, address and size status of each subcontractor are contained at L3CSW in an on-line purchasing system. The information is used to develop the Standard Forms 294, 295 and OF 312 reports.
- c. Indirect expenditures are calculated on a monthly basis. The previous year's indirect percentages are applied to Small Business Subcontract Plans, and required SF 294/295 reports.
- d. A common account inventory system is used for items procured for use by more than one contract. Common dollar performance is determined by applying the performance percentages against the contract profile.

- e. The purchasing data provides the detail for reporting procurements for a specific contract flow through the Procurement department. Specific purchase orders and amounts subcontracted with individual suppliers are identified by contract number and project number. The actual performance is computed on a real-time basis.
- f. The following purchasing data is downloaded to a Mapper file calendar month end:
 - Purchase Order Number
 - Purchase Order Item
 - Supplier
 - Purchase Order Line Item Dollars
 - Internal/External Supplier Indicator
 - Foreign Supplier Indicator
 - Supplier Size Indicator
 - Disadvantaged Indicator
 - Minority Type Indicator
 - SDB Certified Indicator
 - Women Owned Indicator
 - Handicap Indicator
 - Hub Zone Indicator
 - HBCU/MI Indicator
 - Contract Number
 - Contract Rating
 - Sub Account Number
 - Project Number
 - Buyer Code
 - Purchase Order Line Item Type
 - SIC Code
 - Purchase Order Commitment Date
 - Purchase Order Line Item Type

14. MANAGEMENT INTEREST AND INVOLVEMENT

- a. At the corporate level, L-3 Communication Systems has established a consolidated procurement task force team. This team supports each division of the corporation by consolidating data and establishing corporate-wide procurement programs. Among these programs is the merging of all division Small Business Liaison Officers for sharing information and providing unified support of national trade fairs and conferences. The SBLO's have created a network in support of small and historically underutilized businesses.
- b. A select group of Small Business Liaison Officers, including the SBLO of L3CSW, meets via teleconference monthly to discuss, interpret, and propose actions to increase the minority supplier base and disbursements to minority suppliers.
- c. Periodically, in association with setting of objectives, top management issues a letter to all employees reaffirming L3CSW's commitment to small business and small historically underutilized business.
- d. The Small Business Liaison Officer issues a quarterly report to management reporting current performance and status for the program.

- e. Small business and small historically underutilized business performance becomes a part of each responsible manager's objectives. In turn, these objectives are included in all involved personnel's objectives.
- f. Management also supports the Subcontracting Program in the distribution of corporate funds.
 - 1) The Small Business Liaison Officer position, along with the SBLO's time, associated memberships and fees, and travel.
 - 2) Similar costs are supported for all involved personnel.
 - 3) Funding for membership in various trade associations and business development organizations is supported at both the corporate and division level.
- g. L3CSW recognizes the impact of this plan in relation to all areas of its business. As such, an organizational structure has been created to administer the effort in the most effective manner.

15. HISTORICALLY BLACK COLLEGES AND UNIVERSITIES AND MINORITY INSTITUTIONS (HBCU/MI)

The computerized purchasing system utilized by L3CSW has been modified to provide tracking of the utilization of HBCU/MI businesses. In support of Section 1207 of Public Law 99-661 and Section 806 of Public Law 100-180, L3CSW is attempting to expand its outreach efforts to encompass historically black colleges and universities and minority institutions.

16. SMALL DISADVANTAGED AND HUBZONE SMALL BUSINESS CERTIFICATION

The U.S. Small Business Administration requires all SDB and HUBZSB firms to formally certify with the SBA. Although, the Federal Acquisition Regulation (FAR) at 52.219-8 and 19.1202(c) states that "a contractor acting in good faith may rely on the written representation of its subcontractor regarding the subcontractor's status as a small disadvantaged business". L-3 Communication Systems has notified each of its SDB subcontractors and potential subcontractors of the SBA requirement and provided those SDB firms with the URL to obtain forms electronically, as well as provided the SBA 800 telephone number to request the necessary forms.

SBA has not certified sufficient numbers of HUBZone small businesses to develop realistic HUBZSB goals, since the certification forms were not developed by the SBA until March 23, 1999. As SBA certifies reasonably larger numbers of firms our goals will be able to improve by the identification of certified HUBZSB firms.

17. CORPORATE SUPPORT

Active support from the L-3 Communication Systems Corporate Office in New York, New York is an essential part of the L3CSW Small Business Program. The Small Business Liaisons from across the Corporation meet, via tele-conference, at least quarterly to work issues that impact each of the small business programs such as supplier base reductions, the use of large-volume, multi-year blanket purchasing agreements, etc.

The Corporation is currently establishing policies and procedures that enables each subordinate company to maximize opportunities for all small business groups. This opportunity portfolio includes such devices as set-aside procurements, provisions for expedited and/or advanced payments, and offering debriefs to unsuccessful small business bidders.

18. MAKE OR BUY DECISIONS

Make or buy decisions are formulated along program lines with consideration given to the technical capabilities, facility availability, capital and financial positions, and manpower capacity of L3CSW. As outlined in Standard Procedure P-059, L3CSW has an Executive Make or Buy Committee to provide oversight and ensure consistency in the make or buy process. All programs must establish a multi-disciplined Make or Buy Team chaired by the Program Office to develop a program specific Make or Buy Plan. Each team includes a representative from the Sourcing organization who ensures that the objectives of the Small Business Program are taken into consideration in all make or buy decisions.

19. PERFORMANCE

L3CSW has been successful in increasing the percentage of awards of subcontracting dollars to small and historically underutilized business concerns.

Business Category	GFY1996	GFY1997	GFY1998	GFY1999	GFY2000
Small	51.2%	51.7%	55.9%	54.7%	52.8%
Small Disadvantaged	7.0%	7.7%	9.2%	8.2%	6.9%
Small Woman-owned	5.7%	6.4%	8.4%	7.0%	7.6%
HBCU/MI	N/A	N/A	N/A	N/A	0%
HUBZone	N/A	N/A	N/A	N/A	0%
Small Veteran-owned	N/A	N/A	N/A	N/A	0%

20. REPRESENTATIVE FORMS

The following special forms have been developed in support of this Plan:

- a. Subcontract Plan Goal Development – Used by the SBLO to develop individual percentage and dollar goals for a specific contract; becomes an integral part of the subcontract plan for that contract

SUBCONTRACT PLAN GOAL DEVELOPMENT (*A)

SUBCONTRACT PLAN GOAL DEVELOPMENT

SUBCONTRACT PLAN # 416 CONTRACT/RFP # FPA126-004

CONTRACT REPRESENTATIVE AL MATHYS TITLE MP-CDL CONCEPT TECH DEV

A REVIEW OF THE LIST OF MATERIAL FOR THIS CONTRACT INDICATES IT IS COMPOSED OF THE COMMODITIES LISTED IN THE CONTRACT PROFILE BELOW. THIS PROFILE INDICATES THE PERCENTAGE OF EACH COMMODITY AND THE GOALS ESTABLISHED FOR THAT COMMODITY.

CONTRACT PROFILE (DIRECT DOLLARS ONLY)

COMMODITY	COMMODITY CODE	TOTAL	LARGE	SMALL	SMALL DISADV.	SMALL WM.OWN.	HUB ZONE	VETERAN OWNED	SRV-DIS VETERAN
1. METAL FAB (OUTSIDE) Y & Z		9.0%		9.0%		1.5%	.5%	.5%	
2. RAW MATERIAL	N & S	.4	.4%						
3. VENDOR PARTS	V	50.5%	20.0%	30.5%	5.0%	4.5%	2.5%	2.5%	3.0%
4. MAJOR ASSEMBLY SUBCONTRACTED	D & E	40.1%	34.6%	5.5					
5. OTHER									
TOTALS		100.0%	55.0%	45.0%	5.0%	6.0%	3.0%	3.0%	3.0%

TOTAL DOLLARS PLANNED FOR DIRECT \$ 1,776,406

TOTAL DOLLARS PLANNED FOR INDIRECT \$ 195,405

TOTAL DOLLARS PLANNED TO BE SUBCONTRACTED \$ 1,971,811

* 45.0% OF THE TOTAL PLANNED SUBCONTRACT AMOUNT ABOVE TO SMALL BUSINESS CONCERNS, WHICH FOR THIS PLAN IS \$ 887,315

* 5.0% OF THE TOTAL PLANNED SUBCONTRACT AMOUNT ABOVE TO SMALL DISADVANTAGED BUSINESS CONCERNS, WHICH FOR THIS PLAN IS \$ 98,590

* 6.0% OF THE TOTAL PLANNED SUBCONTRACT AMOUNT ABOVE TO SMALL WOMAN OWNED BUSINESS CONCERNS, WHICH FOR THIS PLAN IS \$ 118,308

* 3.0% OF THE TOTAL PLANNED SUBCONTRACT AMOUNT ABOVE TO HUB ZONE BUSINESS CONCERNS, WHICH FOR THIS PLAN IS \$ 59,154

* 3.0% OF THE TOTAL PLANNED SUBCONTRACT AMOUNT ABOVE TO VETERAN OWNED SMALL BUSINESS CONCERNS, WHICH FOR THIS PLAN IS \$ 59,154

* 3.0% OF THE TOTAL PLANNED SUBCONTRACT AMOUNT ABOVE TO SERVICE DISABLED VETERAN OWNED SMALL BUSINESS CONCERNS, WHICH FOR THIS PLAN IS \$ 59,154

APPROVED Debbi Moffitt DATED 9/6/02
DEBBI MOFFITT (801) 594-7261
SMALL BUSINESS LIAISON OFFICER
L-3 COMMUNICATION SYSTEMS-WEST
640 NORTH 2200 WEST SALT LAKE CITY, UTAH 84116

Proposal for the Multi Platform Common Data Link (MP-CDL) Concept Technology Development (CTD)

GFE Support Requirements

In Response to:

RFP #F33657-02-R-5411

ASC/AE

For: John G. Meyer, MP-CDL Program

1755 11th St Bld 570 Rm 113

Wright Patterson AFB, OH 45433-7404

PREPARED BY:

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23 September 2002

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The data contained in this submission represents in its entirety "proprietary data" of L-3 CSW. Recipient agrees in consideration of the receipt of this document to use it solely for the limited purpose of which it is made available and to not transmit it or the information therein contained, in whole or in part, or to suffer actions by others, for any purpose except with the written permission, first obtained, of L-3 CSW, and recipient further agrees to surrender this document and all copies or certify destruction of same to L-3 CSW when the reason for its receipt has terminated.

MP-CDL GFE List

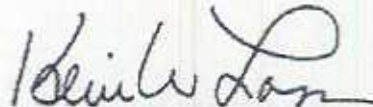
QTY	Federal Stock #	Nomenclature	Duration of Need	Rental Value	P/N	Reason for Need	Cross Ref. For Cost Proposal
1	TBD	ABIT Relay System	13-19 Month ARO	\$495,000	7690622-00	ACDL Testing	Cost/Price Volume IV, Chapter 3, Para. 3.3
1	TBD	RC-135 Hybrid Collector System	13-19 Month ARO	\$283,000	8112170-00	CDL/ACDL Testing	Cost/Price Volume IV, Chapter 3, Para. 3.3
2	TBD	Jammer Assembly	15-19 Month ARO	\$3000.	7699302	Provide Jammer Threat	Cost/Price Volume IV, Chapter 3, Para. 3.3
32	TBD	KGV-135A	9-19 Month ARO	N/A	TBD	Provide Data Encryption	Cost/Price Volume IV, Chapter 3, Para. 3.3
2	5999-01-300-4217	Fill Device	9-19 Month ARO	N/A		Key COMSEC	Cost/Price Volume IV, Chapter 3, Para. 3.3
2	5810-01-066-7587	Fill Cable	9-19 Month ARO	N/A		Key COMSEC	Cost/Price Volume IV, Chapter 3, Para. 3.3
2	5999-01-300-4210	Keying Device	9-19 Month ARO	N/A		Key COMSEC	Cost/Price Volume IV, Chapter 3, Para. 3.3

AWARD-FEE PLAN

Multi-Platform Common Data Link (MP-CDL)

Concept & Technology Demonstration (CTD) Phase

COORDINATED:



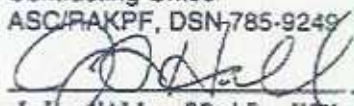
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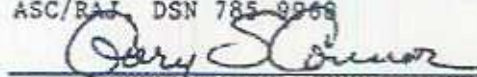
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MP-CDL Award Fee Plan Evaluation Criteria

I. PREFACE

This Award Fee Plan is written to provide an effective means of fee determination and motivation to the contractor for the MP-CDL Concept and Technology Development (CTD) Program.

II. INTRODUCTION

This MP-CDL Award Fee Plan is the basis for evaluation of the contractor's performance and for presenting an assessment of that performance to the Fee Determining Official (FDO). The specific criteria and procedures used to assess the contractor's performance and to determine the amount of award fee earned are described herein. Also covered are all FDO decisions regarding the award fee, including but not limited to: award fee amount, if any; the methodology used to calculate the award fee; the contractor's entitlement to the award fee; and the process to provide the contractor the results of the award fee determination.

Award fee will be provided to the contractor through contract modifications and is in addition to the cost type provisions of the contract. Award fee earned and payable will be determined by the FDO based upon review of the contractor's performance against the criteria set forth in this plan. The FDO may unilaterally change this plan prior to the beginning of any evaluation period. The contractor will be notified of changes to the plan by the Contracting Officer (CO), in writing, before the start of the effected evaluation period. Changes to this plan that are applicable to a current evaluation period can only be incorporated by mutual consent of both parties.

Overall, this plan represents a streamlined, flexible approach to award fee. It is designed to detail the most pertinent, appropriate criteria that are directly applicable to the contractor's upcoming efforts and thereby provide optimum focus and motivation to perform in a superior and effective manner within the confines of the negotiated cost. The government will evaluate the contractor's achievement of the criteria identified herein.

In addition to the criteria set forth in this plan, a joint government/contractor Integrated Product Team (IPT) will recommend unique period events/items (such as: design review completion, release of computer software configuration item, delivery of acceptance test procedures, or completion of a line replaceable unit or a module) to be accomplished during each award fee period for both schedule and technical criteria contained in Annex 4, Evaluation Criteria.

The award fee process is subjective in nature. Every effort will be made to assure fairness. All decisions by the FDO are final and not subject to the Dispute Clause.

The fee pool is the total amount available for award to the contractor and is established prior to the contract award. There is no base fee for this award fee plan. Award fee is earned fee based on contractor performance.

III. ORGANIZATION

The award fee organization consists of: the FDO; an Award Fee Review Board (AFRB) which consists of a chairperson, the CO, a recorder, other functional area participants, including Defense Contract Management Agency staff members, and advisor members; the performance monitors; and the contractor(s). The FDO, AFRB members, and performance monitors are listed in Annex 1.

IV. RESPONSIBILITIES

a. **Fee Determining Official.** The FDO is responsible for the contents and/or revisions of this Award Fee Plan. The FDO reviews the recommendation(s) of the AFRB, considers all pertinent data, including the contractor's self-assessment, and determines the earned award fee amount for each evaluation period.

b. **Award Fee Review Board.** The AFRB reviews performance monitors' evaluations of the contractor's performance, considers all information from pertinent sources, including the contractor's self-assessment, prepares interim performance reports, and arrives at an award fee assessment (which may include grade recommendations) to be presented to the FDO. The AFRB will also recommend changes to this plan to the FDO.

c. **Contracting Officer.** The CO is the liaison between contractor and government personnel.

d. **Performance Monitors.** Performance monitors maintain records of the contractor's performance in their assigned evaluation area(s) so that a fair and accurate evaluation is obtained. Monitors prepare interim and end-of-period evaluation reports as directed by the AFRB.

e. **Contractor.** Contractor(s) submits self assessment per the award fee process.

V. AWARD FEE PROCESSES

a. **Available Award Fee Amount.** The earned award fee will be paid based on the contractor's performance during each evaluation period. The available award fee for each evaluation period is shown in Annex 2. Any unearned portion of the award fee for each evaluation period may be rolled over to the next

evaluation period and made available for award. However, this is done only in unusual circumstances. The amount of award fee rollover, if any, will be defined by the AFRB and approved by the FDO. The amount of the award fee pool is based on the contract-estimated costs of the MP-CDL CTD contract. As future contractually authorized changes increase or decrease the contract cost, the amount of money in the award fee pool will be proportionately adjusted. Such an adjustment will not require FDO approval. The award fee pool shall not be increased as the result of any cost overruns.

b. **Evaluation Criteria.** If the CO does not give specific notice in writing to the contractor of any change to the evaluation criteria prior to the start of a new evaluation period, then the criteria outlined in this plan will be used. If required, the evaluation criteria will be updated by revising the Award Fee Plan, Annex 4, and by providing notification to the contractor.

c. **Interim Evaluation Process.** The AFRB Recorder notifies each AFRB member and performance monitor 20 calendar days before the midpoint of the evaluation period. Performance monitors submit their evaluation reports to the AFRB 10 calendar days after notification. The AFRB determines the interim evaluation results and notes the contractor strengths and weaknesses for the current evaluation period within 10 days of the period midpoint. The CO will provide these interim evaluations to the contractor for their use in addressing the government's assessment of their performance at the midpoint of the evaluation period. The CO may also issue letters at any time when it is deemed necessary to highlight areas of government concern.

d. **End-of-Period Evaluations.** The AFRB Recorder notifies each AFRB member and performance monitor 20 calendar days before the end of the evaluation period. Performance monitors submit their evaluation reports to the AFRB 10 calendar days after the end of the evaluation period. The AFRB prepares its evaluation report and recommendation of award fee grade. The AFRB briefs the evaluation report and recommendation to the FDO. At this time, the AFRB may also recommend any significant changes to the award fee plan for FDO approval. The FDO determines the overall grade, the earned award fee amount for the evaluation period, and the final contents of the evaluation report within 30 calendar days after each evaluation period. The FDO letter informs the contractor of the earned award fee amount and provides a copy of the final evaluation report. The PCO issues a contract modification within 5 calendar days after the FDO's issuance of the decision letter, authorizing payment of the earned award fee amount.

e. **Contractor's Self-Assessment.** The contractor's self-assessment is submitted to the CO within five (5) calendar days after the end of the evaluation period. A self-assessment received after the fifth calendar day does not have to be considered in the evaluation. This written assessment of the contractor's performance throughout the evaluation period may also contain any information

that may be reasonably expected to assist the AFRB in evaluating the contractor's performance. The contractor will be afforded the opportunity to attend the AFRB briefing to the FDO and can present a separate briefing to the FDO if desired. The contractor briefing should discuss the self-assessment in greater depth or provide a broader perspective on the information provided in the self-assessment. The contractor may be dismissed during government deliberations.

VI. AWARD FEE PLAN CHANGE PROCEDURE

Revisions to this plan shall be accomplished as required to reflect changes in program priorities. Recommended changes may be submitted by all government participants and by the contractor. Government personnel should forward all significant changes to the AFRB Recorder. The contractor should submit recommended changes in a contract letter to the CO. The AFRB recorder will ensure that the AFRB reviews recommended changes in conjunction with the evaluation process. Should circumstances dictate, the AFRB may convene to address recommendations separate from the evaluation process. After approval, the CO shall notify the contractor in writing of any change(s). Unilateral changes may be made to the award fee plan if the CO provides the contractor written notification before the start of the upcoming evaluation period. Changes affecting the current evaluation period must be by mutual agreement of both parties. Fee pool amounts will be revised via contractual modification to reflect additional or reduced effort.

A joint contractor/government IPT may recommend unique period technical and schedule events/items prior to each period. Any proposed revision will be reviewed by the FDO early enough to be issued before the start of the next evaluation period. The FDO will ensure all recommendations are considered fairly and objectively. For the first period, these unique schedule and technical events/items will be established prior to contract award. For the remaining periods, the government will initiate a meeting no later than 30 days prior to the end of the current award fee period to recommend unique technical and schedule period events for the following period. The CO letter will set these unique events/items forth to the contractor.

VII. CONTRACT TERMINATION

If the contract is terminated for the convenience of the government after the start of an award fee evaluation period, the award fee deemed earned for that period shall be determined by the FDO using the normal award fee evaluation process. After termination for convenience, the remaining award fee amounts allocated to all subsequent award fee evaluation periods cannot be earned by the contractor and, therefore, shall not be paid.

VIII. PLAN ANNEXES

This Award Fee Plan has four (4) Annexes. These include (1) Award Fee Organization, (2) Allocation, Evaluation Periods and Assessments, (3) Instructions for Performance Monitors, and (4) Evaluation Criteria.

ANNEX 1

MP-CDL Award Fee Organization

MP-CDL Award Fee Team

Fee Determining Official:

Director (or Acting Director), Reconnaissance Systems Program Office (ASC/RA)

Chairperson, Award Fee Review Board:

Director (or Deputy Director), Sensors, Links and Ground Stations (ASC/RAJ)

Membership, Award Fee Review Board:

- Branch Chief, Data Links (ASC/RAJD)
- MP-CDL Program Manager (ASC/RAJD)
- Contracting Officer (ASC/RAKP)
- Financial Manager (ASC/RAFP)
- Engineering (ASC/RAJE)
- Logistics (ASC/RAJS)
- Test (ASC/RAJP)
- Defense Contract Management Agency (DCMA)
- Legal AFMC/LO JA (non-voting)
- Recorder ASC/RAJD (non-voting)

Performance Monitors:

Performance monitors consist of Program Managers, System Engineers, Software Engineers, Manufacturing Specialists, Logistics Management Specialists, Configuration Managers, Financial Analysts, Contract Negotiators, Test Managers, Program Support personnel, and personnel from the Defense Contract Management Agency. Performance monitors may be drawn from the following organizations: MP-CDL IPT, ASC/RA, ESC/SRV, ESC/JS, PM DCGS-A, ESC/DI, AFC2ISRC, and TRADOC. This list is not inclusive. The government may augment performance monitors' membership without the need to change this plan.

ANNEX 2

MP-CDL Award Fee

Allocation, Evaluation Periods and Assessments

Allocation and Evaluation Periods

The following table lists the available award fee pool for each period.

The award fee pool covers Contract Line Items 0001, 0002, and 0004. The available award fee pool is \$XXX.XX.

Period	Milestone	Anticipated Comp Date	Fee Pool	
1	45 days after PDR	ARO + 5.5 mo	\$833,969.00	(*A)
2	45 days after CDR	ARO + 9.5 mo	\$334,613.00	(*A)
3	45 days after FAD	ARO + 20.5 mo	\$177,902.00	(*A)
4	45 days after Demo	ARO +29.5 mo	\$ 49,863.00	(*A)

Award Fee Assessment (Grading)

The contractor will be assessed on the quality of its performance against contract requirements utilizing the evaluation areas, criteria, and grading standards. The assessment will involve a review and evaluation of verbal, written, and electronic communications between the government and contractor teams, information received at program and technical reviews, and other information deemed pertinent. The award fee evaluation will be summarized by the government team as an overall score, which will be related to the percent of award fee paid.

The award fee grades and payment percentages available follow:

GRADE	OVERALL SCORE	PERCENT OF AWARD FEE AVAILABLE
Excellent	80 – 100	80% – 100%
Satisfactory	51 – 79	51% – 79%
Unsatisfactory	0 – 50	no award fee

ANNEX 3

MP-CDL Award Fee

Instructions for Performance Monitors

Performance monitors will maintain a continuous written record of the contractor's performance in their evaluation area(s) of responsibility. They will rate contractor performance as excellent, satisfactory or unsatisfactory, based on correspondence, reports, data items, meetings, and conversations, which demonstrate the contractor's day-to-day performance. A summary of contractor performance will be prepared at the end of each of the evaluation periods. Performance monitors will conduct all assessments in an open, objective, and cooperative spirit so that a fair and accurate evaluation is obtained. Performance monitors will provide their contractor counterparts feedback on program issues as part of the day-to-day management of the program. The performance monitors will make every effort to be consistent from period to period in their approach to determining the recommended ratings. Positive performance accomplishments should be emphasized just as readily as negative.

Date:

ANNEX 4

MP-CDL Award Fee Evaluation Criteria

Evaluation criteria for the MP-CDL award fee program cover three (3) main areas of contractor performance. These areas include Cost Control, Product Management, and Technical Performance. Cost Control will comprise 30 percent of the total award fee. Product Management will also be set at 30 percent. Technical Performance will be 40 percent of the total award fee.

Criteria A: COST CONTROL (30%)

The Cost Control area will be evaluated using the following criteria:

The government shall assess the contractor's Earned Value Management System (EVMS) process, management and reporting of contract cost performance, and projected total ownership cost. The government shall assign a rating as described below:

EXCELLENT (80-100 points)

- Government Estimate at Completion (EAC) is below negotiated contract cost.
- Contractor demonstrates effective use of the EVMS and delivers high quality reports, which show traceability to Integrated Master Schedule (IMS) and work breakdown structure (WBS) elements, in a timely manner.
- Favorable cost variance with a positive trend is being achieved.
- Variance analysis provides detailed insight into root cause(s) of variance(s). Contractor takes immediate action to notify the government of negative variance(s) from the cost profile and the corrective action plan to eliminate the variance(s).
- Contractor proactively provides insight into cost growth risks and aggressively institutes abatement/mitigation actions to eliminate cost growth.
- Always demonstrates logic and consistency among Cost/Schedule Status Report (C/SSR), Contractor Funds Status Report (CFSR), and contractor (including subcontractor) billings.
- Always submits timely and accurate billings, including subcontractor billings.
- Manages an affordable program with emphasis on total ownership cost:

- Effectively and aggressively manages the system's design to allow affordable changes in support of future capability upgrades, supportability, and producibility over the program life.
- Has an exceptionally robust and mature process to manage the average production unit cost (APUC) program. Aggressively employs the APUC process to progress toward the target cost. Is making significant progress towards meeting the APUC goal, which allows a trade-off to incorporate significantly more capability beneficial to the warfighter. Projections indicate acceptable risk of not making APUC goal when considering mitigation actions planned or taken.
- Contractor insight is provided in a timely manner without government prompting.

SATISFACTORY (51-79 points)

- Government EAC exceeds negotiated contract cost by 5% or less.
- Contractor demonstrates use of the EVMS and delivers reports, which generally show traceability to IMS and WBS elements.
- Favorable cost variance is achieved most of the time, with a few negative deviations.
- Variance analysis provides insight into root cause(s) of variance(s). Contractor takes somewhat timely action to notify the government of negative variance(s) from the cost profile and the corrective action plan to control the variance.
- Contractor provides some insight into cost growth risks and some abatement/mitigation actions are being developed to eliminate cost growth.
- Generally demonstrates logic and consistency among C/SSR, CFSR, and contractor (including subcontractor) billings.
- Submits mostly accurate billings, including subcontractor billings.
- Manages an affordable program with emphasis on total ownership cost:
 - Generally manages the system's design to allow affordable changes in support of future capability upgrades, supportability, and producibility over the program life.
 - Demonstrates a satisfactory process for predicting APUC. Employs the process to progress toward the target cost goal. With consideration given to government involvement in decisions about performance/cost trades, progress towards attaining targeted APUC is acceptable to the government. Projections indicate some unacceptable risks of not making the APUC goal, however mitigation actions are planned.
 - Contractor insight is generally provided. The government may need to prompt the contractor for some detailed information.

UNSATISFACTORY (0-50 points)

- Government EAC exceeds negotiated contract costs by more than 5%.

- Contractor demonstrates sporadic or no use of the EVMS. Reports are inaccurate, if provided at all, and traceability to IMS and WBS elements is not apparent.
- Cost variances consistently have negative deviations.
- Variance analysis does not provide insight into root cause(s) of variance(s). Contractor fails to notify the government of negative variances from the cost profile and lacks corrective action plans to control the variance.
- Contractor does not provide insight in cost growth risks, and no actions are planned or actions are ineffective to eliminate or mitigate cost growth.
- No consistency among C/SSR, CFSR, and contractor (including subcontractor) billings.
- Billings are usually late and/or inaccurate, including subcontractor billings.
- Manages an affordable program with emphasis on total ownership cost:
 - There is little evidence the contractor is managing the system's design to allow affordable changes in support of future capability upgrades, supportability, and producibility over the program life.
 - Does not have a satisfactory process for predicting APUC. Projections indicate a high risk of not meeting the APUC target. Progress towards meeting the APUC goal is not evident and no mitigation actions are planned.
 - Contractor provides little-to-no insight. The government routinely prompts the contractor to gain an understanding of cost control performance.

Criteria B: PRODUCT MANAGEMENT (30%)

These criteria are used to assess how the contractor manages cost, the Integrated Master Plan (IMP)/IMS, risk, and program knowledge to determine if the program is behind, on or ahead of schedule in achieving program objectives.

EXCELLENT (80-100 points)

- Demonstrates exceptional leadership in managing progress that meets, and often exceeds, schedule requirements. Contractor is on or ahead of schedule.
 - Strong evidence that the contractor is proactively managing the critical schedule events and unique period events. Adheres to the IMP/IMS with no significant changes to the contractual milestones. Recommended changes to the milestones consistently support program objectives.
 - Strong evidence that the contractor is managing the critical path, near critical path activities, and changes that impact the critical path.
- Process to manage prime and subcontractor(s) cost, schedule and performance tradeoffs is robust and meets or usually exceeds

expectations. All significant decisions include the government IPT in the process.

- Proactively manages the interaction with platforms and related programs.
- Effectively manages subcontractor(s) to prevent schedule slips. Identifies and establishes work-arounds to secure minimal impact to schedule when subcontractor(s) fail to meet schedule requirements.
- Demonstrates a solid risk management process that proactively identifies and manages risk as well as effectively minimizes schedule risk.
- The contractor proactively pursues opportunities to improve the government/contractor partnership and communication.
 - Provides thorough insight into the contractor's and subcontractor(s)' progress in developing and demonstrating MP-CDL terminals.
 - Interdivisional and subcontracted efforts are fully represented in IPT activity and full participation occurs in all contract reviews.
 - The contractor is extremely cooperative/responsive to government queries, requests, guidance and direction.
 - The contractor provides program status information that is simple to access, highly accurate and easy to use.
- Applies a robust risk management process that includes the government IPT. The risk management process clearly identifies and tracks the most significant risks and prudently implements effective risk mitigation techniques.

SATISFACTORY (51-79 points)

- Manages progress that usually meets schedule requirements. Contractor may be behind development, however a recovery plan is in place.
 - The contractor is managing the critical schedule events with only minor slips in schedule (less than 10%). Some evidence that the contractor is managing the schedule for the unique period performance events. Is generally compliant with the IMP/IMS. Recommended changes to the milestones are generally characterized as corrections to offset minor issues associated with schedule recovery. Identifies potential problems before there are major schedule impacts.
 - Some evidence that the contractor is managing the critical path, near critical path activities, and changes that impact the critical path.
- Process to manage prime and subcontractor(s) cost, schedule and performance tradeoffs usually meets expectations. Some, but not all, significant decisions are coordinated with the government IPT.
- Manages the interaction with platforms and related programs with some government involvement necessary to ensure schedule is maintained.
- Manages subcontractor(s) to keep schedule slips to a minimum. Generally develops work-arounds to mitigate impact to schedule when subcontractor(s) fail to meet schedule requirements.
- Employs a risk management process that addresses schedule risk.

- The contractor participates in the government/contractor partnership.
 - Progress in developing and demonstrating MP-CDL terminals is reviewed only at scheduled meetings.
 - Some interdivisional and subcontracted efforts are represented to the IPT. Participation in contract reviews usually meets expectations.
 - The contractor is cooperative/responsive to government queries, requests, guidance and direction.
 - The contractor provides program status information that can be accessed and is usually accurate.
- Applies a risk management process that usually includes the government IPT. The risk management process identifies and tracks most risks. Risk mitigation actions are generally implemented.

UNSATISFACTORY (0-50 points)

- Manages progress but often fails to meet schedule requirements. Contractor is significantly behind schedule and/or there is no recovery schedule.
 - The contractor ineffectively manages or fails to manage the critical schedule events and significant slips (greater than 10%) in schedule have occurred. Minimal, if any, evidence that the contractor manages the schedule for the unique period performance events. There are major deviations from the IMP/IMS and some significant changes to the milestones have occurred. Government must initiate discussions with contractor to get information about problem areas.
 - Minimal indication that the contractor is managing the critical path, near critical path activities, and changes that impact the critical path.
 - Process to manage prime and subcontractor(s) cost, schedule and performance tradeoffs often doesn't meet expectations. Significant decisions are generally not coordinated with the government IPT.
 - Contractor is indifferent to requirements of associated activities, related systems and IPT advice.
 - Fails to identify and address subcontractor(s) problems causing major impact to schedule. Doesn't always ensure subcontractor(s) are held responsible for their tasks even after government intervention.
 - Contractor's risk management process often fails to address schedule risk.
- The contractor reluctantly and ineffectively participates in the government/contractor partnership. Teaming between government and contractor personnel is ineffective and contentious, resulting in loss of efficiency and poor overall performance.
 - Progress in developing and demonstrating MP-CDL terminals is difficult to assess due to lack of detail and specificity in material presented at reviews.

- Interdivisional and subcontracted efforts are poorly represented to the IPT. Participation in contract reviews often doesn't meet expectations.
- Constant government surveillance is required to keep tasks prioritized in accordance with IPT desires. Task completion is routinely late.
- The contractor doesn't regularly post program status information. Posted information is sometimes inaccurate and incomplete.
- Does not apply a distinguishable risk management process. The government IPT is not afforded an opportunity to regularly participate in the process. Many contractor risk mitigation actions are simply managing the impacts of risks that have occurred.

Criteria C: TECHNICAL PERFORMANCE (40%)

These criteria are used to assess how well the contractor is meeting the technical performance parameters of the MP-CDL contract, as described by the System Specification and depicted by the IMP. Not all the areas will be evaluated during each phase of the contract. Specific contractor work accomplished during each award fee period will dictate the applicable criteria.

EXCELLENT (80-100 points)

- Contractor employs a highly disciplined and effective systems engineering process that clearly demonstrates a thorough understanding of the technical requirements. Applies disciplined systems engineering to the allocation and traceability of functional requirements into all levels of system hardware and software design specifications, design and material decisions, and verification procedures.
- Systems engineering process produces a robust system design and architecture that ensures life cycle cost affordability (including growth, producibility and supportability).
- All trade studies clearly communicate actionable information to the government. Contractor presents innovative, high pay-off trades that include but are not limited to: performance, verification approaches, platform integration impacts (e.g., size, weight, power, flexible network interfaces, radio frequency [RF] interference, electromagnetic compatibility), and life cycle cost affordability (e.g., growth, APUC, producibility, supportability).
- Excellent system design and architecture (including hardware and software) that clearly shows how all system specification performance requirements will be met and several will be exceeded.
- The contractor's system design provides great confidence that RF interference between the MP-CDL system and other users in the battlespace, including tactical unmanned aerial vehicles and associated ground stations, will be mitigated such that operations will not be impacted.

- System design demonstrates flexibility in the network interface and has incorporated means to adapt to the network architecture to be defined as a part of the Intelligence, Surveillance, and Reconnaissance (ISR) Network.
- Proactively identifies design issues affecting key performance parameters (KPP) and thresholds. Issues are aggressively worked with innovative solutions that maintain performance and are proactively communicated to the government.
- Robust and integrated verification process. System integration and verification process demonstrates successful incremental maturation of the design toward meeting system requirements. Demonstration plans and reports are thorough, accurate, and complete.
- Integration with other platforms and programs (including the ISR Network) require minimal if any government action.
 - Interface Control Documents (ICD) are clear, complete, and established early in the design phase with an interface definition that is technically compatible with other systems. ICDs are stable unless impacted by events that are beyond the contractor's control.
- Capability demonstrations with platforms and programs meet or exceed all significant requirements without degradation to the existing platform capabilities.

SATISFACTORY (51-79 points)

- The contractor employs a reasonable systems engineering process that is effective most of time and demonstrates an understanding of the technical requirements. Applies systems engineering to the allocation and traceability of functional requirements into most levels of system hardware and software design specifications, design and material decisions, and verification procedures.
 - Systems engineering process produces a system design and architecture that results in a reasonable life cycle cost (including growth, producibility and supportability).
- Most trade studies communicate mostly relevant information to the government. Contractor presents adequate trade studies.
- Reasonable system design and architecture (including hardware and software) that shows how system specification performance requirements will be met.
 - The contractor's system design provides some confidence that RF interference between the MP-CDL system and other users will be mitigated such that operations will not be impacted.
 - System design includes a reasonable network interface but there are questions as to its ability to be adapted to the network architecture to be defined as a part of the ISR Network.

- Design issues affecting performance KPPs and thresholds are identified and communicated to the government. Issues are worked, but solutions do not guarantee performance will be maintained.
- Reasonably detailed and complete verification process. System integration and verification process will likely result in a design that meets system requirements. Demonstration plans and reports are adequate.
- Integration with other platforms and programs (including the ISR Network) is being accomplished but requires some government intervention and facilitization.
 - ICDs are developed with little government intervention. Interfaces may require modification in order to be compatible with other systems. ICDs may require changes as the design matures, in addition to impacts caused by events that are beyond the contractor's control.
- Capability demonstrations with platforms and programs meet most significant requirements with minimal degradation to the existing platform capabilities.

UNSATISFACTORY (0-50 points)

- Systems engineering process lacks maturity and is frequently ineffective, and the contractor does not understand a significant number of the technical requirements. No discipline in the process of allocating functional requirements into necessary levels of system hardware and software design specifications, design and material decisions, and verification procedures.
 - Systems engineering process produces a system design and architecture that will result in a life cycle cost (including growth, producibility and supportability) that is not affordable.
- Communication of relevant information regarding trade studies to the government does not occur. Contractor is not pursuing the trade-off process.
- System design and architecture (including hardware and software) does not meet all system specification performance requirements.
 - The contractor's system design provides little confidence that RF interference between the MP-CDL system and other users will be mitigated such that operations will not be impacted.
 - System design includes an inflexible or proprietary network and will have to be modified substantially to function within the network architecture to be defined as a part of the ISR Network.
- Design issues affecting performance KPPs and thresholds are not identified or communicated to the government. Solutions to issues do not exist or may violate a KPP or several thresholds.
- Lacks a defined and effective verification process. System integration and verification process is not producing a design that meets system requirements. Demonstration plans and reports are deficient.

- Integration with other platforms and programs (including the ISR Network) requires significant government involvement, if occurring at all.
- ICDs require significant government involvement to develop. ICDs that do exist are vague or inaccurate. The contractor has not developed ICDs that will support affordable integration of the system as required.
- Capability demonstrations with platforms and programs do not meet KPPs or several threshold requirements and are likely to result in significant degradation to the existing platform capabilities.